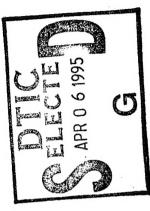
DEPARTMENT OF THE AIR FORCE

COMMITTEE STAFF PROCUREMENT BACKUP BOOK 1996/97 BUDGET ESTIMATES **FEBRUARY 1995**





19950403 061

AIRCRAFT PROCUREMENT, AIR FORCE VOLUME

Approved for public release;
Distribution Unlimited

DITIC SUALITY INSPECTED A

AIRCRAFT PROCUREMENT Volume I

FY 1996 PRESIDENT'S BUDGET SUBMISSION TABLE OF CONTENTS

Comparison of Program Requirements and Financing USAF FY 1996 Procurement Program, Exhibit P-1 Glossary/Terms/Organization Appropriation Language

WEAPONS SYSTEMS

B-1B

B-2A

ATF

F-15

F-16

C-17A

C-130H

C-130J

Non-Developmental Airlift Aircraft /Strategic Airlift

Enhanced Flight Screener (EFS)

Joint Primary Aircraft Training System (JPATS)

Tanker, Transport Trainer System (T-1A)

Drug Interdiction

E-8B Joint STARS

SOF Common Support Equipment

BUDGET PROGRAMS (BP)

Aircraft Spares (BP-1500/1600)

Common Support Equipment (BP-1200)

113 219 228 230 231

104

Post Production Support

Industrial Preparedness (BP-1400)

Bomber Industrial Base Support (BP 1400)

Other Production Charges (BP-1900) War Consumables (BP-1700)

UNCLASSIFIED

ELECTE APR 0 6 1995 G		Accesion For	NTIS CRA&I DTIC TAB Unannounced Unstification	γ	Distribution /	Availability Codes	Nist Avail and / or Special	1-1
m d		Acces	NTIS DTIC Unan Justif	By	Dist		Dist	A
	-							

89

99 8

DISTRIBUTION STATEMENT A

Approved for public release; Distribution Unlimited

DEPARTMENT OF THE AIR FORCE FY 1996 PROCUREMENT PROGRAM

SUMMARY (\$ IN MILLIONS)

25 JAN 1995

ROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE		
ATION: AIRCRAFT PROCURI	IR FORCE	
ATION: AIRCRAF		
RIATION: AI	4	
	MATION: AI	

•	ACTIVITY	1 3 1	FY 1994	FY 1995	FY 1996	FY 1997
2	COMBAT AIRCRAFT	***************************************	1,208.4	570.6	336.3	347.2
<u>.</u> 8	OI. COMEST ATTREET ATT	নীয়ান : চচন : ক্র	2,226.5	2,373.3	2,674.9	2,732.9
5 8	OS TRAINER AIRCRAFT		150.7	246.7	59.3	113.6
. 8	O4 OTHER AIRCRAFT	3 .v 1940.	580.6	656.2	494.4	509.1
. 4	OF MODIFICATION OF INSERVICE AIRCRAFT	**************************************	996.1	1,107.8	1,149.7	1,291.9
3 . 6	OS. MUDITIONISM OF THE PARTS	Avada (7.4°	415.7	485.5	603.6	748.6
0.00	OZ AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	Marin and a sent	869.7	867.2	865.8	833.6
	TOTAL	A CONTRACTOR OF THE PARTY OF TH	6,447.7	6,307.3	6,183.9	6,576.9

!		N H O 1
		1997
		QUANTITY COST C
JAN 1995	DOLLARS	QUANTITY COST QUANTITY COST QUANTITY COST
DATE: 25 JAN 1995	MILLIONS OF DOLLARS	QUANTITY COST QUANTITY COST QUANTITY COST
	Ξ	1995 COST
		QUANTITY COST
		1994 COST
		QUANTITY COST
RCE DATE: 25 JAN 1995		(DOLLARS)FY 1994 FY 1995 FY 1996FY 1997 E UNIT COST QUANTITY COST QUANTITY COST COST COST COST COST COST COST COST
, AIR FO		IDENT
APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE		ITEM NOMENCLATURE
APPRO		LINE

IDENT	
	AIRCRAFT
ITEM NOMENCLATURE	COMBAT
OMEN	01:
ITEM N	BUDGET ACTIVITY 01: COMBAT AIRCRAFT
LINE	BUDGET

STRATEGIC OFFENSIVE

(MYP)

1 8-18

56.3 279.9

138.3 337.0

165.8 564.7

		•	
2 B-2A (MYP)	TACTICAL FORCES	3 ADVANCED TACTICAL FIGHTER ADVANCE PROCUREMENT (CY)	00

		<u> </u>
TER	`	(MEMC
FIGHTER	(C)	938)
ICAL	PROCUREMEN	FY 15
TACTICAL	ROCUI	FOR
CED	CE	1997
ADVAN	ADVAN	(FY 1
6	-	

20.3	(75.0)	
28.6	12 (587.8) (-138.5)	11 11 11 11
4	⋖	
4 F-15A	5 F-16 C/D (MYP) 1 ESS: ADVANCE PROCUREMENT (PY)	

52.9 U (52.9)

216.9 U 77.4 U

				347.
	1 1 1 1		1 1 1 1 1 1	336.3
(75.0)		75.0		570.6
12 (587.8) (-138.5)	1 1 1 1 1	449.3		1,208.4
⋖				
(VQ) TN:				

BUDGET ACTIVITY 02: AIRLIFT AIRCRAFT

TOTAL COMBAT AIRCRAFT

TACTICAL AIRLIFT

DEPARTMENT OF THE AIR FORCE FY 1996 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE	IT, AIR	FORCE			DATE: 25 JAN 1995	
			1 1 1 1 1 1 1 1 1 1 1 1 1 1		MILLIONS OF DOLLARS	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LINE NO ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 1996 UNIT COST	QUANTITY COST	QUANTITY COST	995 67 1996 COST QUANTITY COST	QUANTITY COS
6 C-17 (MYP) LESS: ADVANCE PROCUREMENT (PY)	ω	324,048,875	6 (2115.0) (-250.9) 	6 (2400.3) (-248.2) 	8 (2592.4) (-189.9) 	(72.0)U
7 C-17 (MYP) ADVANČE PROCUREMENT (CY) (FY 1994 FOR FY 1995) (MEMO) (FY 1995 FOR FY 1996) (MEMO)	•		222.2	(189.9)		3
OTHER AIRLIFT						:
8 C-130H	∢		42.2	31.3		
9 C-130J	∢	44,304,000			2 88.6	2 92.8 U
STRATEGIC AIRLIFT		•				
10 STRATEGIC AIRLIFT	4				183.8	2568.1 U
NON DEVELOPMENT AIRLIFT						9
11 NON DEVELOPMENT AIRLIFT AIRCRAFT TOTAL AIRLIFT AIRCRAFT	∢ .		98.0	2,373.3	2,674.9	2,732.9
BUDGET ACTIVITY 03: TRAINER AIRCRAFT				•		
OPERATIONAL TRAINERS				·,		
12 ENHANCED FLIGHT SCREENER	∢		33 9.9			
13 JPATS	∢	18,322,666		3 92.7	3 55.0	12 109.1 0

DEPARTMENT OF THE AIR FORCE FY 1996 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT,	IT, AIR FORCE	DRCE			DATE: 25	25 JAN 1995		
	1				MILLIONS OF DOLLARS	F DOLLARS		
LINE NO ITEM NOMENCLATURE	IDENT	(DOLLARS) FY 1996 UNIT COST	QUANTITY COST	QUANTITY	1	QUANTITY COST	QUANTITY COST	37 E COST C
14 TANKER, TRANSPORT, TRAINER SYSTEM TOTAL TRAINER AIRCRAFT	æ		35 140.8 	32 154.1	7.15	4.4	113.6	4.5 U
BUDGET ACTIVITY 04: OTHER AIRCRAFT			,					٠
MISSION SUPPORT AIRCRAFT								
15 CIVIL AIR PATROL A/C	⋖	96, 185	27 3.6	4-	1.4 27	2.6	. 27	2.7 U
16 DRUG INTERDICTION	∢		3.0	,				-
OTHER AIRCRAFT	•							
17 E-8B LESS: ADVANCE PROCUREMENT (PY)	œ	268, 167, 000	2 (509.9) (-78.3) 	2 (559.6) (-123.7) 	.6) 2 .7) 2 .9	(536.3) (-141.7) 	2 (515.3) (-120.0) 395.2	(515.3)U -120.0) 395.2
18 E-8B ADVANCE PROCUREMENT (CY) (FY 1994 FOR FY 1995) (MEMO) (FY 1995 FOR FY 1997) (MEMO) (FY 1995 FOR FY 1997) (MEMO) (FY 1995 FOR FY 1998) (MEMO) (FY 1995 FOR FY 1999) (MEMO) (FY 1996 FOR FY 1997) (MEMO) (FY 1997 FOR FY 1997) (MEMO)			123.7 (123.7)		218.8 141.7) (22.9) (29.6)	97.1	Ξ	111.1 U
19 SOF A/C CSE TOTAL OTHER AIRCRAFT	∢		18.7 580.6	656.2	1 2	494.4	509	509.

WACLASS

PAGE F-4

SECRET UNCLASS

DEPARTMENT OF THE AIR FORCE FY 1996 PROCUREMENT PROGRAM

EXHIBIT P-1

QUANTITY COST C COST COST ----FY 1996----QUANTITY COST DATE: 25 JAN 1995 MILLIONS OF DOLLARS COST ----FY 1995----QUANTITY COST ----FY 1994----QUANTITY (DOLLARS) FY 1996 UNIT COST APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE 1DENT CODE ITEM NOMENCLATURE

BUDGET ACTIVITY 05: MODIFICATION OF INSERVICE AIRCPAFT

STRATEGIC AIRCRAFT				
A	21.9	64.0	17.3	5.6 U
A	29.0	40.3	75.4	131.4 U
21 8-18	4.78	33.3	6.4	10.0 U
22 B-52		•	7 7	39.68
23 F-117 A		7.		
TACTICAL AIRCRAFT)
•	29.6	.46.8	79.4	44.1 U
24 A 10	•	1.6	-	n r.
25 F/RF-4		0 7 67	7 97	143.1 U
26 F-15	264.9	184.0		
37 E-46	111.1	110.0	118.6	143.1 U
	8.8	2.0	6.1	ɔ .
28 EF-111	u C	C G		5
29 F-111	2		1	=
30 T/AT-37 A	Q. 1	4.	ĸ.	o ø
AIRLIFT AIRCRAFT				
31 C-5	38.1	28.5	45.4	22.6 U
32 C-9	11.8	6.7	4.1	4.7 0

S

DEPARTMENT OF THE AIR FORCE FY 1996 PROCUREMENT PROGRAM

EXHIBIT P-1

8.5 U .2 U 1. 1 U 1.5 U .4 U ₽. 24.4 U 53.3 U 15.4 U 4.0 U QUANTITY COST QUANTITY COST DATE: 25 JAN 1995 MILLIONS OF DOLLARS 11.5 5.4 12.7 5.8 4.7 2.4 95.2 ----FY 1995----OUANTITY COST 5.3 2.5 14.4 25.4 QUANTITY ----FY 1994----QUANTITY COST -------14.3 6. 8 3.5 3.5 29.2 (DOLLARS) FY 1996 UNIT COST APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE IDENT ITEM NOMENCLATURE 40 T-3 (EFS) AIRCRAFT TRAINER AIRCRAFT 42 T-41 AIRCRAFT OTHER AIRCRAFT 36 C-STOL 37 C-137 38 C-141 33 C-17A 43 T-43 41 T-38 35 C-22 34 C-21 39 T-1 LINE

3.10

15.6 U

20.7

3.5 2.7

د. 17.9

36.7

44 KC-10A (ATCA)

45 C-12 46 C-18 47 C-20 MODS

e

2.0 U

1.1 C

DEPARTMENT OF THE AIR FORCE FY 1996 PROCUREMENT PROGRAM

EXHIBIT P-1

1.6 U 40.7 U SES 7.2 U 1.9 U 92.5 U 188.5 U 270.3 U 5.5 U 7.3 U COST 1,291.9 ----FY 1997---QUANTITY MILLIONS OF DOLLARS COST DATE: 25 JAN 1995 ----FY 1996----29.4 0. 1,149.7 7.8 6.2 84.4 142.8 230.4 QUANTITY COST 1,107.8 ----FY 1995----77.3 40.5 48.4 68.2 76.5 ო æ. 136.6 35.0 QUANTITY COST ----FY 1994--------72.0 28.3 61.1 4.6 4.01 26.1 996.1 9.8 -118.8 QUANTITY (DOLLARS) FY 1996 UNIT COST AIRCRAFT SPARES AND REPAIR PARTS APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE IDENT TOTAL MODIFICATION OF INSERVICE AIRCRAFT ITEM NOMENCLATURE 56 CLASSIFIED PROJECTS OTHER MODIFICATIONS 55 OTHER AIRCRAFT 48 VC-25A MOD 49 C-130 50 C-135 54 H-60 57 DARP 51 E-3 53 H-1 52 E-4 LINE

748.6 U

603.6 603.6

485.5 485.5

415.7 415.7

TOTAL AIRCRAFT SPARES AND REPAIR PARTS

AIRCRAFT SPARES + REPAIR PARTS

BUDGET ACTIVITY 06:

58 SPARES AND REPAIR PARTS

748.6

DEPARTMENT OF THE AIR FORCE FY 1996 PROCUREMENT PROGRAM

EXHIBIT P-1

----FY 1997----QUANTITY COST QUANTITY COST QUANTITY COST DATE: 25 JAN 1995 MILLIONS OF DOLLARS QUANTITY COST ----FY 1994----(DOLLARS) FY 1996 UNIT COST 1 1 1 1 1 1 1 APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE IDENT CODE 1 1 1 ITEM NOMENCLATURE LINE

BUDGET ACTIVITY 07: AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES

COMMON AGE					
59 COMMON AGE	V	190.5	225.6	216.0	191.9 U
POST PRODUCTION SUPPORT				.•	
60 F-15 POST PRODUCTION SUPPORT				14.0	11.6 U
61 F-16 POST PRODUCTION SUPPORT				194.7	84.3 U
INDUSTRIAL PREPAREDNESS					
62 INDUSTRIAL PREPAREDNESS		25.1	51.1	48.7	35.0 U
63 BOMBER INDUSTRIAL BASE SUPPORT			125.0		D
WAR CONSUMABLES					
64 WAR CONSUMABLES	⋖	17.9	18.4	25.5	31.5 U
OTHER PRODUCTION CHARGES		•			
65 OTHER PRODUCTION CHARGES	4	607.2	234.9	167.7	342,6 U
66 CANCELLED ACCOUNT ADJUSTMENTS		3.1		•	ח
COMMON ECM EQUIPMENT					

EXHIBIT P-1

DATE: 25 JAN 1995

DEPARTMENT OF THE AIR FORCE	FY 1996 PROCUREMENT PROGRAM	

LINE IDENT FY 1996 NO ITEM NOMENCLATURE CODE UNIT COST 67 COMMON ECM EQUIPMENT DARP				
IDENT COMMON ECM EQUIPMENT		MILL	MILLIONS OF DOLLARS	1
67 COMMON ECM EQUIPMENT DARP	QUANTITY COST	QUANTITY COST QUANTITY COST	SUANTITY COST	QUANTITY COST Q
DARP	. 52.9	16.8	6.4	4.7 U
68 DARP		195.4	194.4	132.0 U
TOTAL AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	869.7	867.2	865.8	833.6
TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	6,447.7	6,307.3	6,183.9	6,576.9

UNCLASSIFIED

AIRCRAFT PROCUREMENT, AIR FORCE

ground handling equipment and training devices, spare parts, and accessories therefor; specialized equipment; expansion of prosecuted thereon prior to approval of title; reserve plant and Government and contractor-owned equipment layaway; and public and private plants, Government-owned equipment and installation thereof in such plants, erection of structures, and For construction, procurement, and modification of aircraft and equipment, including armor and armament, specialized acquisition of land, for the forgoing purposes, and such lands and interests therein, may be acquired, and construction other expenses necessary for the foregoing purposes including rents and transportation of things; to remain available for obligation until September 30,

COMPARISON OF FY 1994 PROGRAM REQUIREMENTS AS REFLECTED IN FY 1995 PB WITH 1994 PROGRAM REQUIREMENTS AS SHOWN IN FY1996 PB

SUMMARY OF REQUIREMENTS (In Thousands)

	FY 94 Col	FY 94 Col	
	Total Program	Total Program	Increase
	Requirements	Requirements	00
	per FY 95 PB	per FY 96 PB	Decrease ()
Combat Aircraft	1,233,165	1,208,422	(24,743)
Airlift Aircraft	2,308,572	2,226,461	(82,111)
Trainer Aircraft	150,699	150,699	0
Other Aircraft	582,421	580,604	(1,817)
Modification of In-Service Aircraft	1,005,388	996,139	(9,249)
Aircraft Snares and Renair Parts	425,677	415,691	(9,986)
ACET Support Equipment and Facilities	899,112	869,686	(29,426)
Reimbursable Program	006'66	42,968	(56932)
Total Fiscal Year Program	6,704,934	6,490,670	(214,264)

EXPLANATION OF CHANGES WITHIN BUDGET ACTIVITY (\$\) in Millions)

1. Combat Aircraft: -\$24.7

from the B-1 (-\$2.7) and the F-16 (-\$.1), below threshold reprogrammings from the B-2 (-\$7.0) for the C-130 and for Decrease is the result of net adjustment for the following reprogrammings: Reprogrammings for upward adjustments the B-1 (\$6.1), and omnibus reprogramming from the F-16 (-\$21.0)

2. Airlift Aircraft: -\$82.1

Decrease represents a net decrease from below threshold reprogrammings for the C-130 (\$7.0) and from C-17 (-\$1.4) and omnibus reprogramming requirements from C-17 (-\$69.3) and the C-130 (-\$18.4).

3. Trainer Aircraft: \$0

No change in budget activity funding.

4. Other Aircraft: -\$1.8

Decrease represents a net decrease from the E-8 (-\$4.8) for omnibus reprogramming offset by an increase into Aircraft Procurement for Drug Interdiction Aircraft (+\$3.0).

5. Modification of In-Service Aircraft: -\$9.2

Decrease is the net result of omnibus reprogramming of (-\$14.9) and various below threshold reprogrammings (\$5.7).

6. Aircraft Spares and Repair Parts: -\$10.0

Decrease due to omnibus reprogramming (-\$5.7) and below threshold reprogramming (-\$4.3).

7. Aircraft Support Equipment and Facilities: -\$29.4

Equipment (-\$26.2), below threshold reprogrammings to Other Production Charges and Common ECM (-\$6.1) and canceled Decrease due to omnibus reprogrammings to Common Support Equipment, Other Production Charges, and Common ECM account adjustments (\$3.1).

COMPARISON OF FY 1994 FINANCING AS REFLECTED IN FY 1995 PB WITH FY 1994 FINANCING AS SHOWN IN FY 1996 BUDGET

	Financing per FY 1995 PB	Financing per FY 1996 Budget	Increase Decrease ()
Program Requirements			
Reimbursable Service Account	(99,900) (6,605,034)	(42,968) (6,447,701)	(56,932) (157,333)
Subtotal Program Requirements	6,704,934	6,490,669	(214,265)
Less: Anticipated Reimbursements Reprogramming from/to prior year b Unobligated ST. Newplan	99,900 year budget plans 0	42,968 269,519 12,800	(56,932) 269,519 12,800
Subtotal	006'66	325,287	225,387
Add: Unobligated balance expiring Reduction Pursuant to P.L. 103-139 Rescissions	4,200	269,519 4,200 12,800	269,519 0 12,800
Transfers to other accounts Transfers from other accounts	53,700	214,033 (3000)	160,333
Subtotal	27,900	497,552	439,652
Appropriation	6,662,934	6,662,934	0

COMPARISON OF FY 1995 PROGRAM REQUIREMENTS AS REFLECTED IN FY 1995 PB WITH 1995 PROGRAM REQUIREMENTS AS SHOWN IN FY1996 PB

SUMMARY OF REQUIREMENTS (In Thousands)

	FY 95 Col	FY 95 Col	0	
	Total Program	Total Program	Increase	
	Requirements	Requirements	or	
,	per FY 95 PB	per FY 96 PB	Decrease ()	
Combat Aircraft	659,581	570,581	(89,000)	
Airlift Aircraft	2,816,496	2,373,292	(443,204)	
Trainer Aircraft	278,428	246,728	(31,700)	
Other Aircraft	565,683	656,183	90,500	
Modification of In-Service Aircraft	1,135,929	1,107,829	(28,100)	
Aircraft Snares and Repair Parts	488,894	485,494	(3,400)	
ACET Support Equipment and Facilities	802,588	867,158	64,570	
Reimbursable Program	108,000	108,000	0	
Total Fiscal Year Program	6,855,599	6,415,265	(440,334)	

EXPLANATION OF CHANGES WITHIN BUDGET ACTIVITY (\$\) in Millions)

1. Combat Aircraft: -\$89.0

Decrease reflects the final FY95 appropriation for the B-1 (-\$15.0), B-2 (-\$45.0) and F-16 (-\$25.0) and distribution of a general reduction for procurement reform (-\$4.0)

2. Airlift Aircraft: -\$443.2

Decrease reflects the final FY95 appropriation for C-17 (-\$304.3), C-130H (-\$18.4) and NDAA (-\$103.7) and distribution of a general reduction for procurement reform (-\$16.7).

3. Trainer Aircraft: -531.7

Decrease reflects the final FY95 appropriation for JPATS (-\$30.0) and distribution of a general reduction for procurement reform (-\$1.7).

4. Other Aircraft: \$90.5

Increase reflects the final FY95 appropriation for JSTARS (\$95.1) and distribution of a general reduction for procurement reform (-\$4.6)

5. Modification of In-Service Aircraft: -\$28.1

Decrease reflects the final FY95 appropriation for B-1 (-\$5.0), F-15 (-\$15.0), F-16 (-\$46.5), C-135 (-\$25.8), B-52 (\$7.0) and DARP (\$65.0) and distribution of a general reduction for procurement reform (-\$7.8)

6. Aircraft Spares and Repair Parts: -53.4

Decrease reflects the distribution of general reduction for procurement reform (-\$3.4).

7. Aircraft Support Equipment and Facilities: \$64.6

Decrease reflects the final FY95 appropriation for War Consumables (-\$8.0), Other Production Charges (-\$20.0), and Bomber Industrial Base Support (\$125.0), distribution of a general reduction for procurement reform (-\$4.5), transfers to other appropriations (-\$9.5), and classified adjustments (-\$15.4).

COMPARISON OF FY 1995 FINANCING AS REFLECTED IN FY 1995 PB WITH FY 1995 FINANCING AS SHOWN IN FY 1996 PB

å	Financing per FY 1995 PB	Financing per FY 1996 Budget	Increase Decrease ()
Program Requirements			
Reimbursable Service Account	(108,000) (6,747,599)	(108,000) (6,307,265)	0 (440,334)
Subtotal Program Requirements	(6,855,599)	(6,415,265)	(440,334)
Less: Anticipated Reimbursements Reprogramming from/to prior year budget plans	108,000	108,000	00
Subtotal	108,000	108,000	0
Add:			
Unobligated balance expiring	00	0 44.797	44,797
Reciecione	•	0	0
Transfers to other accounts	0	27,900	27,900
Subtotal	0	72,697	72,697
Appropriation	6,747,599	6,379,962	(367,637)

UNCLASSIFIED

1

UNCLASSIFIED

COMPARISON OF FY 1994 PROGRAM REQUIREMENTS AS REFLECTED IN FY 1996 PB WITH 1995 PROGRAM REQUIREMENTS AS SHOWN IN FY1996 PB

SUMMARY OF REQUIREMENTS (In Thousands)

	FY 94 Program Total Program per FY 96 PB	FY 95 Program Total Program per FY 96 PB	Increase or Decrease ()
Combat Aircraft	1,208,422	570,581	(637,841)
Airlift Aircraft	2,226,461	2,373,292	146,831
Trainer Aircraft	150,699	246,728	96,029
Other Aircraft	580,604	656,183	75,579
Modification of In-Service Aircraft	996,139	1,107,829	111,690
Aircraft Spares and Renair Parts	415,691	485,494	69,803
ACET Support Fourtment and Facilities	989,698	867,158	(2,528)
Reimbursable Program	42,968	108,000	65,032
Total Fiscal Year Program	6,490,670	6,415,265	(75,405)

EXPLANATION OF CHANGES WITHIN BUDGET ACTIVITY (\$\) in Millions)

1. Combat Aircraft: -\$637.8

B-1: Decrease due to completion of deferred logistics support requirements (-\$27.5)

B-2: Decrease in training equipment and non-recurring requirements (-\$227.7)

F-15: Airframe peculiar support equipment procurement completed (-\$8.3)

F-16: FY94 was final production buy (-\$374.3)

2. Airlift Aircraft: \$146.8

C-17: Increase for HAZMAT, contract settlement, cost reduction and support costs (\$288.0) Advance procurement reduced (-\$32.3)

NDAA: Not funded in FY95 (-\$98.0)

C-130H: Support costs reduced (-\$10.9)

3. Trainer Aircraft: \$96.0

T-1A (TTTS): FY95 is last year of procurement (\$13.3)

T-3A (EFS): FY94 is the last year of procurement (-\$9.9)

IPATS: FY95 is the first year of procurement (\$92.7)

4. Other Aircraft: \$75.6

Civil Air Patrol: Decreased (-\$2.2)

Drug Interdiction: Last buy completed in FY94 (-\$3.0)

JSTARS: Increase in advance procurement to support buyout of 12 airframes for later incorporation into the

production line (\$99.5)

SOF A/C CSE: Procurement completed in FY94 (-\$18.7)

5. Modification of In-Service Aircraft: \$111.7

WEAPON SYSTEM	FY 1994	FY 1995	FY 1996
	21.9	64.0	17.3
1-4	29.0	40.3	75.4
B-52	37.4	33.3	4.9
F-11.7	11.8	11.1	47.7
A-10	29.6	46.8	79.4
F-15	264.9	184.8	79.5

C-141	29.2	14.4	95.2
		1	
KC-10	36.7	17.9	20.7
C-130	118.8	76.5	84.4
C-135	61.1	77.3	142.8
	9.4	136.6	230.4
Z-1	10.4	35.0	1.0
H-60	26.1	ů.	0
Other A/C	72.0	40.5	29.4
DARP	0	68.2	0
	,		

FY95: Increase primarily due to the new start mods 2SR-63-Band4 and the CONTRAIL management mods (\$42.1) B-2:

FY96: Decrease due to reduced requirements for the 2SR-63-Band4 and MILSTAR UHF mods (-\$46.7)

FY96: Increase due to new start mods for NAVSTAR GPS, JDAM 1760 conventional enhancement and increases in the FY95: Increase due to new mod start for Conventional Bomb Module, 1122 Improvement, and Lancer 101C Engine conventional bomb module and 1122 Improvement mod buys (\$35.1) B-1

FY95: Reduced requirements for Integrated Conventional Stores Management System and NAVSTAR GPS mod (-\$4.1) FY96: All major B-52 mods winding down. GPS is only major mod funded in FY95 at a reduced rate. (-\$28.4) B-52:

Realignment of resources from other budget programs to the modification account F-117:

FY95; Kit buys for both the GPS and improved data modem (IDM) increased from 11 in FY94 to 94 in FY95. These are nterrelated/codependent mods. A-10

FY96: A one year mod to regenerate A-10s to relieve inventory shortfalls (\$22.5)

FY95 MSIP, ALR-56, and ALQ-135 P3I mod funding reduced or near completion F-15:

FY96 ALQ-135 P3I mod near completion

FY95: Completed Auto Comm Processor and Weep Hole Modifications C-141:

FY96: Start GPS and SATCOM, continue autopilot modification

FY95: Decrease due to reduced buy rates for NAVSTAR GPS and refueling Pod mods (-\$18.8) KC-10:

FY96: Small increase primarily due to new start SATCOM mod (\$2.8)

C-130: FY95: Reduced kit buys for autopilot and ADS

FY96: Increased kit buys for autopilot

FY95: A number of new start mods (GPS, Compass replacement, etc) coupled with C-135 reengine and Rivet Joint mod completions in FY94 net out to a small increase (\$16.2) C-135:

FY96: Large increase due to rivet joint restart and increases in mod buys for radar replacement and display and compass replacement. Also due to new start Multipoint Refueling mod (\$67.3)

FY95 Mod requirements restart. FY94 was a skip year for interconnectivity modifications (ESM, DAPG, GPS, and JTIDS TADIL J) since sufficient kits on hand to maintain schedule. FY96 begins Radar System Improvement and Extend Suntry E-3:

6

FY95 and FY96: One year kit buys of MILSTAR and communications in FY95 E-4:

H-60: FY95 and FY96: HH-60 retrofit completed

FY95: Reflects quantity reduction from FY94 (901) to FY95 (90) for A/B SINCGARS AJ COMM (-\$16.8). FY94 Other:

was last buy year for AN/ALR-69 system improvement mod (-\$10.1) and AERP (-\$3.4)

FY96: Reflects quantity reduction from FY95 (982) to FY96 (400) for ALE-40 deficiencies (-\$5.1) and FY95 completes

procurement of Tactical Secure Voice mod (-\$7.6)

FY95 and FY96: Reflects the FY95 appropriation for reactivation of 3 SR-71 aircraft

6. Aircraft Spares and Repair Parts: \$69.8

Ramp for payment of DBOF initial spares deliveries which started in FY94 and increases through FY99

7. Aircraft Support Equipment and Facilities: -\$2.5

Decrease due to reduced requirements for other production charges (-\$374.9) and Common ECM (-\$9.1) and increases in Common AGE (\$35.1) and industrial facilities (\$151.0), and funds transfer from other production charges to a separate DARP line (\$195.4).

COMPARISON OF FY 1995 PROGRAM REQUIREMENTS AS REFLECTED IN FY 1996 PB WITH 1996 PROGRAM REQUIREMENTS AS SHOWN IN FY1996 PB

SUMMARY OF REQUIREMENTS (In Thousands)

	FY 95 Program Total Program per FY 96 PB	FY 96 Program Total Program per FY 96 PB	Increase or Decrease ()
Combat Aircraft Airlift Aircraft Trainer Aircraft Other Aircraft Modification of In-Service Aircraft Aircraft Spares and Repair Parts ACFT Support Equipment and Facilities Reimbursable Program	2,373,292 246,728 656,183 1,107,829 485,494 867,158	336,257 2,674,856 59,342 494,371 1,149,672 603,619 865,769 108,000	(234,324) 301,564 (187,386) (161,812) 41,843 118,125 (1,389)
Total Fiscal Year Program	6,415,265	6,291,886	(123,379)

EXPLANATION OF CHANGES WITHIN BUDGET ACTIVITY (\$ in Millions)

1. Combat Aircraft: -\$234.3

B-1: Projected requirements for ICS decreasing as the B-1B becomes more and more organically capable (-\$82.0)

B-2: Decrease due primarily to reduced requirements for software investment and tech data (-\$57.0)

F-15: ICS funding moved to BP13 starting in FY96 (-\$20.3)

F-16: Post production support moved to BP13 in FY96 (-\$75.0)

2. Airlift Aircraft: \$301.6

C-17: Increase to support 2 additional aircraft offset by prior year advance procurement credit (\$60.5)

C-130J: Increase for initial procurement of 2 aircraft (\$88.6)

C-130H: FY95 completes C-130H procurement (-\$31.3)

Strategic Airlift: Supports Milestone III Defense Acquisition Board review to procure C-17s or NDAA type aircraft (\$183.8)

3. Trainer Aircraft: -\$187.4

T-1A (TTTS): FY95 is last year of procurement (-\$149.7)

JPATS: Reduced buy from 6 to 3 in FY96 (-\$37.7)

4. Other Aircraft: -\$161.8

JSTARS: Reduction in advance procurement (-\$121.7) and reduction to flyaway costs (-\$40.1)

5. Modification of In-Service Aircraft: \$41.8

See FY94 - FY95 Comparison explanation

6. Aircraft Spares and Repair Parts: \$118.1

Continuation of ramp for payment of DBOF initial spares deliveries which started in FY94 and increases through FY99

7. Aircraft Support Equipment and Facilities: -\$1.4

AGE (-\$9.6) industrial preparedness (-\$2.4), DARP (-\$1.0), and Bomber Industrial Base Support (-\$125.0) offset by the transfer of Decrease is due to decreased funding required for other production charges (-\$67.2), Common ECM (-\$11.9), Common BP 1000 funds to BP 1300 for post production support (\$208.7) and an increase in funding for war consumables (\$7.1)

OF ACRONYMS GLOSSARY

AIM - Air Intercept Missile

AGM - Air-to-Ground Missile

AIS - Avionics Intermediate Shop

ACMI - Aircraft Combat Maneuvering Instrumentation

AMRAAM - Advanced Medium-Range Air-to-Air Missile

AUTODIN - Automated Digital Network

AWACS - Airborne Warning and Control System

BLSS - Base Level Self-Sufficiency Spares

BY - Budget Year

C3 - Command, Control, and Communication System

CFE - Contractor Furnished Equipment Equipment

CONUS - Continental United States

CPMS - Comprehensive Power Management System

CPT - Cockpit Procedures Trainer

CRA - Continuing Resolution Authority

CTS - Countermeasures Test Set

CY - Current Year

DDTE - Design, Development, Test and Evaluation

ECCM - Electronic Counter Counter Measures

ECM - Electronic Counter Measures

ECO - Engineering Change Orders

EOQ - Economic Order Quantity

ECP - Engineering Change Proposal

EPA - Economic Price Adjustment

EW - Electronic Warfare

EWAISP - Electronic Warfare Avionics Integration Support Facility

FLIR - Forward Looking Infra Red

FOT&E - Follow-on Test and Evaluation FOC - Fully Operational Capability

FLTS - Flight Line Test Set

UNCLASSIFIED

FPIF - Fixed Price Incentive Firm

FPIS - Fixed Price Incentive Fee, Successive Targets

GFE - Government Furnished Equipment

GPS - Global Positioning System

GSE - Ground Support Equipment

PE - Increased Performance Engine 10C - Initial Operating Capability

LANTIRN - Low Altitude Navigation and Targeting Infra Red System for Night

METS - Mobile Electronic Test Stations

MYP - Multiyear Procurement

MSIP - Multi-Stage Improvement Program

NMC Rate - Not Mission Capable Rate

OFP - Operational Flight Program

OT&E - Operational Test and Evaluation

OWRM - Other War Reserve Material

PAGEL - Priced Aerospace Ground Equipment List

PB - President's Budget

PGSE - Peculiar Ground Support Equipment

PMC - Procurement Method Code

PR - Purchase Request

PTT - Part Task Trainer

PY - Prior Year

R&M - Reliability and Maintainability

RAA - Required Asset Availability

RDT&E - Research, Development, Test and Evaluation

RWR - Radar Warning Receiver

ROM - Rough Order of Magnitude

SAM - Surface-to-Air Missile

SS - Sole Source

SOF - Special Operation Force

IAF - Tactical Air Force

FEWS - Tactical Electronic Warfare System

FISS - TEWS Intermediate Support System

TOA - Total Obligation Authority
WMP - War Mobilization Plan
WRM - War Reserve Material
WST - Weapon System Trainer
UHF - Ultra High Frequency
VHSIC - Very High Speed Integrated Circuit

ORGANIZATIONS

ACC - Air Combat Command
AFMC - Air Force Material Command
ALC - Air Logistics Center
ASC - Aeronautical Systems Center
ATC - Air Training Command
FAA - Federal Aviation Administration
NATO - North Atlantic Treaty Organization
OSD - Office of the Secretary of Defense
PACAF - Pacific Air Forces
USAFE - United States Air Forces Europe

TERMS

Advanced Buy - Obligating fund for longlead material/component is advance of the fiscal year the end item is authorized and procurement starts

Avionics - Electronic equipment on-board aircraft

Boresight - An optical reference line used in harmonizing guns, rockets on other weapon launchers

Chaff Flare - Radar and infrared countermeasures

Depot - Wholesale level repair and supply point

Drone - An object used for target practice

Fly by wire - Full authority electronic flight control system

Ground Clutter - Objects on the ground which cause distorted or misleading radar readings

Interdiction - Operational term for behind the front line bombing

Inter theater - Global

Intratheater - Within given area

Mobilization - The ability to move war fighting equipment from one place to another

Multi Stage Improvement Program - A phased program for upgrading the F-15 and F-16

Off the Shelf - Commercially available equipment

Pipeline Standards - The expected average time it takes for a component to be removed from the aircraft, repaired and

returned for use in serviceable condition

Provisioning - The process of determining and contracting for spare parts required to support new production systems for the Prototype - A working model transforming a developmental idea into reality

initial support period

Readiness - Ability to go to war and support initial deployment Pylon - Munitions adapter

Robotics - Automated manufacturing technique

S-Band - Radio frequency spectrums from 1550 to 3900 MHZ

Solicitation - The process of requesting proposals from private industry for goods and services required by the government

Surge - The period of time between normal operations and increased operations

Sustainability - Ability to sustain wartime combat rates after initial surge

APPROPRIATION/BUDGET ACTIVITY B-11 TEM NOMENCLATURE AIRCRAFT PROCUREMENT - B-18 WEAPON SYSTEM B-15 Deferred Logistics/Interim Contractor Support AIRCRAFT PROCUREMENT - B-18 WEAPON SYSTEM FY94 FY96 FY97 FY98 FY99 FY01 To Interim Contractor Support QUANTITY N/A N/A N/A N/A N/A N/A N/A N/A COST COST 160.5 160.5 160.5 160.5 138.3 56.3 77.4 46.6 20.2 23.2 32.8 0.0 721.1					BUDGET ITEM JUSTIFICATION SHEET	A JUSTIFICAT	ION SHEET		Feb-95			
COUREMENT - B-1B WEAPON SYSTEM B-1B Deferred Logistics/Intenim Contractor Support Prior FY94 FY95 FY96 FY97 FY98 FY99 FY01 To N/A 160.5 165.8 138.3 56.3 77.4 46.6 20.2 23.2 32.8 0.0	APPROPRIATION/BUD	GET ACTIVITY					P-1 ITEM NOA	MENCLATURE				
Prior FY94 FY95 FY96 FY97 FY98 FY99 FY01 Complete N/A N/A N/A N/A N/A N/A N/A N/A N/A 160.5 165.8 138.3 56.3 77.4 46.6 20.2 23.2 32.8 0.0	AIRCRAFT PROCURE	MENT - B-	1B WEAPON S	SYSTEM			B-18 C	eferred Logisti	cs/Interim Con	tractor Suppor		
N/A		Prior	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	To Complete	Total Program
160.5 165.8 138.3 56.3 77.4 46.6 20.2 23.2 32.8 0.0	QUANTITY	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	COST (IN MILLIONS)	160.5	165.8	138.3	56.3	77.4	46.6	20.2	23.2	32.8	0.0	721.1

MISSION AND DESCRIPTION:

The B-1B has been designated as the "backbone" of the conventional bomber force. This line provides Interim Contractor Support for the B-1B until needed support equipment is delivered and support is fully organic.

FY96/97 PROGRAM JUSTIFICATION:

auxiliary power units, and power drive units. FYDP also includes funding for Program Management Adminisration (PMA) for technical, engineering, for the Rockwell ICS contract alone. Types of items that are repaired on ICS include: gearbox assemblies, manifold assemblies, vertical indicators, and material control systems for items both intermediate and depot level ICS repairs. There are approximately 90 subvendors for D-level repairs All funds will be utilized for Interim Contractor Support (ICS) for both Intermediate and Depot Level repair services for the B-1B weapon system. nterim Contractor Support services, material support, data management, contractor operated storage sites, packaging, handling, transportation and acquisition support. ∞

AIRCRAFI COST ANALYSIS (Dollars in Millions)	A. Aircraft Model	lodel	B. Popular Name	Name	C. Manufacturer	xurer	D. Date	
	8-18		ADVANCED TECHNOLOGY BOMBER) OGY			Feb-95	
		QTY		QTY		AT/		QTY
	FY94	0	FY95	0	FY96	0	FY97	0
	Unit	Total Cost	Unit	Total	Cost	Total Cost	Cost	Total Cost
1 AIRFRAME/CFE 2 ENGINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3 AVIONICS	0.0		0.0		0.0		0.00	
4 ARMAMENT 5 OTHER GFE 6 ECO (All Fivaway Components)	0 0 0		0 0 0		0.00		0 0 0	
	0.0		0.0	0.0	0.0	0.0	0.0	0.0
9 FLYAWAY COSTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10 AIRFRAME PGSE (Deferred Logistics) 11 ENGINE PGSE 12 AVIONICS PGSE 13 PECULIAR TRAINING EQUIPMENT 14 PUBLICATIONS/TECH. DATA 15 ECO (ALL SUPPORT ITEMS) 16 OTHER (ICS) 17 Program Management Administration (PMA)		72.0		138.3		56.2		77.3
18 SUPPORT COST		165.8		138.3		56.3		77.4
19 GROSS P-1 COST		165.8		138.3		56.3		77.4
20 LESS: Prior Yr Adv. Proc		0.0		0.0		0.0		0.0
21 NET P-1 COST		165.8		138.3		56.3		77.4

EXHIBII P-44

WEAPON SYSTEM COST DATA SHEET (TOA, Dollars in Millions)

DATE: Weapon System: B-1B

Feb-95

I. Procurement Program:

Other Service Service

FMS/Other

FY 95 FY 94 FY 93 FY 92

II. Hardware (Unit Costs) (Provided for each P-5 stub entry)

<u>FY98</u>	0.0
DIFF	0.0
FY97	0.0
DIFF	0.0
FY96	0.0
DIFF	0.0
FY95	0.0
	ürframe

Reason for Change:

FY93 - FY94

FY94 - FY95 FY95 - FY96

III. Procurement Support (Total Cost) (Explain difference for each support stub entry)

							•
	FY 94	DIFF	FY 95	DIFF	FY 96	DIFF	FY 97
PGSE	165.8	-27.5	138.3	-82.0	56.3	21.1	4.77
Reason for Change: FY94-95	-27.5 decrease due to i	o increase in organi	ic capability.				

UNCLASSIFIED

+21.1 increase is an anamoly due to FY 96 reduction for transition from ICS

to RSD confracts.

-82.0 decrease due to forecasted increase in organic capability

FY95-96

FY96-97

EXHIBIT P-44

BUDGET ITEM JUSTIFICATION SHEET	Date: FEB 1995
APPROPRIATION/BUDGET ACTIVITY	P-1 ITEM NOMENCLATURE
AIRCRAFT PROCUREMENT/BA01, COMBAT AIRCRAFT	B-2A

	FV94/PRIOR FV1995	R FV1995	FY1996	FY1997	FY1998	FY1996 FY1997 FY1998 FY1999 FY2000	FY2000	FY2001	\mathbf{LC}	TOTAL
		•		(0	<	C	C	O	15
OUANTITY	15	0	0	0		5				2
COST (PV& IN Million		16280 8 337.0	279.9	216.9	223.5	180.6	240.3	36.2	271.2	18066.4
COOL (1 1 \$ 11 VIVIII)		21100	-							

weapons bays of over 20,000 pounds capacity each. It is powered by four F118-GE-100 turbofan engines. The low wing loading provides efficient cruise and good airfield performance. The B-2 bomber exploits breakthroughs in low observables technology (radar, infrared, visual, electromagnetic, and acoustic) to achieve vehicle signatures that will allow penetration of current and capability and a penetration speed commensurate with high probability of survival without unduly penalizing mission range. Mission and Description: The B-2 is an all-wing, two-crew aircraft with provisions for a third crew member and has twin missions consistent with Air Combat Command requirements. Survivability will be enhanced by reduction of observable postulated enemy air defenses. The B-2 will have the capability to perform worldwide conventional and nuclear delivery signatures and a complementary defensive management system. The B-2 will also have a low altitude terrain following The management and acquisition strategy provides the user a capability for the lowest possible cost. FY 1996 Program Justification: The FY 1996 program contains costs associated with software investment, technical orders, interim contractor support, aircrew training device, maintenance training device, peculiar support equipment, Program Management Administrative Requirements (PMAR), and non-recurring (including curtailment). FY 1997 Program Justification: The FY 1997 program contains costs associated with software investment, technical orders, interim contractor support, aircrew training device, maintenance training device, peculiar support equipment, PMAR, and non recurring (including curtailment).

	G.
	×
	ď
	'n

MEADON EVETEM COST ANALYSIS	A. Appropriation/Budget	tlon/Budget	B. Weapon Model/Series/ Popular	del/Series/	Popular	C. Manufacturer Name	Name	D. Date	
WENT OF THE STATE	Activity Title/No.	No.	Name	B-2		Plant City/State location	location	Month/Year	
EARIBIT (F-3) EV96 PB	Appn 10, BA01	101		Advanced Technology	echnology	Northrop Grumn	Northrop Grumman B-2 Division	6-Feb-95	-
	Aircraft Procurement	urement		Bomber		Pico Rivera, CA			
Monnon Svetam Cost Flaments	Ident.	FY94	QTY 0	FY95	Oty 0	FY96	aty 0	FY97	Oty 0
Weapon of stem cost manage	Code	Unit Cost	Tot. Cost	Unit Cost	Tot. Cost	Unit Cost	Tot. Cost	5	Tot. Cost
Aldramae/CEE	4	AN		AN		NA NA		AN O	0
AIII BIII BAYOF SORIES	<	AN	0	Y Y		AN	_	¥	0
g Model) F118-GE-100									
AVIONICS									•
A CFE	4	¥.	0	¥ Z		V S		2 2	0 0
1100	4	¥ X	0	ď Z					
WEADON DELINERY SYSTEM	4	AN AN	0	Y X			8.7		8.8
OTHER	4	A N	0	Ž		AN O		V V	0
ECO (All Fivaway Components)		AN.	15.7	Y Y	5.1	1 NA	0.0	AN O	0.0
NOWARD INDING COSTS									
(Other)		¥ X	81.5	Y Y	31.8	NA NA	47.8	AN N	23.4
			97.9	Ą	36.9	AN AN	56.5	N A	32.2
Subjects FLYAWAY COST	•	AN	42.6		85.4		65.4		23.5
ALT-KAME TGUE	(4	A Z					1.5	S NA	0.0
ENGINE FOOD	. ∢	Y.	262.7		15.0		37.7		18.6
PECULATION FOR MENT	< «	¥ X	64.6		61.1		7.1		4.8
PUBLICATIONS LECT. DATA	× ×	¥ Z	40.8		44.0		35.6	NA NA	93.1
CANINGESTACNI	< <	Y X	5.6		87.0	AN O.	45.0		36.7
DOOG MONT ANN BONTS (PMAB)		X X				A N	0.3		0.3
CHICA: MAIMI: ACM: FAMILIO (FINANCE)	•	X X	51.2		_	7.5 NA	30.8		7.8
Taco Tacada la latata a		¥.	467.5		300.0	AN O.	223.4		184.8
GROSS P-1 END COST		¥ Z	564.7		336.9	AN 6.	279.9	AN 6.	217.0
LESS; PRIOR YR ADV. PROC			0.0		0	0.0	0	0.0	0.0
NET P-1 FULL FUNDING COST		A A	564.7	A A	336.9	AN 6.	279.9	AN 6.	217.0
(Must equal FY amount displayed									
on the P-40 exhibit)									•
s Current Year ADV, PROC.			0.0			0.0		0.0	0.0
her Non P-1 Weapon System Costs	•	:	1	4		AM	104	AN	122.2
Spares (Initial & WRSK)	< ·	¥ :	0.77.0		· ù		17		r.
Mods	⋖	YZ.	8.12	Z Z			- 1		2.0
Facilities	T		0.0			o. 20	-		;
TOTAL	_	A N	764.2	AN AN	411.6	AN 9.	372.0	Z	350.2
								**	7

FY96 PB	Acquisition Logistics and	gistics and		& Support	Funding for	Operations & Support Funding for Selected Weapon Systems	eapon syst	s E e		
Weapon System: B-2			Date: FEB 1995	995		PE 11127F	64240F			
	FY94/PRIOR	FY95	FY96	FY97	FY98	FY99	FY00	FY01	22	TOTAL
A. General Program Data Procurement Oty Cum Operating Inventory	4	7	12	13	16	17	20	20	0	20
OPTEMPO (Flying Hrs or Miles per month)	330.4	1706.0	2260.0	3289.0	3872.0	5442.0	6208	6889	165591.0	195587.4
Intermediate Level Stand-Up date Depot Level Stand-Up Date										
B. Acquisition Logistics Resources	836.5	2.2	<u>တ</u>	18.9	39.4	30.0	7.1	8.2	8.0	954.8
War Reserve Spares	33.5	0.0	4	103.5	144.3	53.0	0.0	0.0	0.0	383.9
Field Level Common Spt Equip	6	4.0	0.5	0.5	0.5	0.5	0.5	0.5	0.0	16.6
Field Level Peculiar Spt Equip				(1	c	c		0 095
RDT&E	509.4	7.71	68.4	23.8	38.0	19.4	0.7	0.0	0.5	518.7
Depot Level Support Equip/Software										
RDT&E		ď		•	c	c	54.2	0	0.0	291.5
Proc - Equip	214.4	87.0	45.0	36.7	18.7	16.3	0.0	0.0	0.0	243.F
Proc - Soliware Investment	1.0	1.0		0.0	0.0	0.0	0.0	0.0	0.0	7.4
Technical Data/Manuals								(· ·	
RDT&E	272.7	9.5	7.8	5.3	3.2	2.0	4.0	0.0	0.0	300.9
Proc	224.4	61.1		4.8	-	0.5	14.2	0.0	0.0	313.2
Training Services and Training Equip		i i		7	•		•	c		9129
RDT&E	68.4	55.9	0.1.0	47.1	0.0	0.0	0.0	9 0	9.0	557.8
Proc	4/0.3	15.0		18.0	0.0	6.1	0.0	0.0	EXHIBIT P-6 Pa 1 of 2	Pa 1 of 2

C. Operations and Support Manpower (Nos.) Military Officer Enlisted Civilian Cost (\$) Fuel Consumables (3400) Reparables (3400) Interim Contractor Spt (3010) Fig. 1730 10.2 8.3 10.7 Interim Contractor Spt (3010)	2.8 E	FY97			64240F			
Operations and Support Manpower (Nos.) Mailtary Officer Enlisted Civilian Cost (\$) Fuel Consumables (3400) Reparables (3400) Sustaining Eng Spt (3400) Interim Contractor Spt (3010) 95.8			FY98	FY99	FY00	FY01	Б	TOTAL
323 1553 1046 0 14.6 3.1 1.1 95.8								
1046 14.6 3.1 1.1 95.8	_	328	284	260	246	246	1610	
0 14.6 3.1 1.1 1.1 95.8	1142	1120	1073	1017	1308	1308	1308	
14.6 3.1 1.1 95.8	0.5	0.5	0.3	0.3	0.3	0.3	10.5	12.3
3.1 1.1 95.8		28.0	34.0	49.4	61.6	36.2	2488.2	2759.8
95.8		17.8	25.7	36.7	38.3	42.1	1449.8	1633.6
95.8		136.6	184.6	199.9	210.4	203.4	7210.8	8243.4
	35.6	93.1	110.4	88.4	26.5	17.0	54.2	565.0

TTEMMANUFACTURER/ E P PROCUREMENT YEAR R V V R-2				I EM NOMENOS I	-	5	ď											i		9			+						FIS	CAL	FISCAL YR 96			
A < R E	ACC	CEP BAL	1					FISC.	FISCAL YR 94	94					ŀ			2	FISCAL TH 95	SHA	S A C S	H 95				H			CAL	ENDA	CALENDAR YR 96	9		
4 × > L	PRIOR	-	ta.						Ü	ALENE	CALENDAR YR 94	3	-	H	-	1	-	-	3	-	-		0	⊦	H	1	H	_	4	Σ	7	7	4	_
	OTY TO		00	z c	0 11	- A	2 <	∢ ۵	2 <	r n	∢ ⊃	ωm	00	zo	7 ¥	L W	2 <	< Q (Σ « :	, , ;	,) -	()(о ш о	0 >	. u c	< Z	. ш а	< □	<u>σ</u> α	< >	οz	ار د	⊃ છ	mе
	2	8		-	-	-	-	Œ	-+	-+	-+	۵.	F	+	-	+	-	T	>	z	_	-	+	-	+-	+	\vdash	+				\dagger	+	\vdash
					+	+				+					H	H	\sqcup				11	+	+	\vdash	+	+	+	_				+		+
		+			+	-	L		-	H	Н			1	+	-	4	-		I	1	+	+	+	+	+	+	-	1	L				
Northrop Grumman Corp			-		-	-				H	H				-	+	4	-			1	+	+	-	+	-	-		-				H	Н
(Anriame)	10	0	10		-	H			1	-	~		-	+	-	7	+				T	+	+	+	+	+	L	L				-		
FY 91/F	-	0	-		H	H	4		+	+	+		1	+	+	+	+	1				+	-	-	+	-							+	-
	4	0	4			+	\parallel		$\dagger \dagger$	++	+			#	+	+	+	11				+	+	\vdash	+	-	-						- -	
			H		\dagger	+	-		+	+	+		1	+	+	+	-	Н	Ц			1	+	+	1	H	\vdash							Т
General Electric Corp		-	+	1	+	+	1	Γ		-	-	-			H	Н			_			+	+	+	+	+	+	+	1	1		T	1	T
(8)	40	8	œ	T	+	-	-	-	-	-	H	-		8	-	+	-	4		•	1	+	+	+	+	+	+	+	1	1		1	+	Г
	4	9	4	L		-	-				-	-			+	+	7		1		1	1	\dagger	+	+	4	-	-	_	-	-		-	-
EV 03	16	L	16		H	H				+	+	1		1	+	+	+	+	1	1	-	-	+	+	+	-	-	┼						
		+	+			+	+			+	+	$\downarrow \downarrow$	П		+	+	H	\dashv	\coprod	Ц			+	+	+	\vdash			-	_				
Boeing Military A/P		+	H			H	1			+	+	-			+	+	+	+	1			11	$\dagger \dagger$	$\forall \exists$	\forall	++	+	\dashv	H	H				
		1	1		1	+	,	c	0	0	0	0			+	-	H	L						+	+	+	+	+	+	+	I		1	
FY 91/P AF	20	8	12		1	$\dagger\dagger$		4	u	+	+	+	\prod		\dagger	+	+	\vdash						+	+	+	+-	+	+				\top	11
		+	-	Ŧ	1	+	+	-		+	+	+	$oxed{\Box}$		H	H	H	H	\sqcup	Ц				+	+	+	+	+	+	+			1	
		-	-	F		H	H	Ц		H	-	H			+	+	+	+	+	-				+	+	+	+	+	+	-			П	П
				\prod		+	+	-	1	1	+	+	-	I	+	+	+	+	\downarrow	1			1		H		Н	H						
		-	1	\downarrow	1	+	+	-		1	+	+	1		1	+	-	H	-						1	+	+	+	+	+	1			
		+	+	1		+	+	-				H				H	H	\vdash	-					+	+	+	+	+	+	+	1	I		
			\parallel	$ \cdot $		\dagger	H	H			+	+	4		1	+	+	+	+	+				1	+	+	+	\vdash	\mathbb{H}	H			П	
			+	+		+	+	\dashv			H	+	++				++	++	+	1-1		-	U	c	Z	\vdash	-	u		2	7	7	4	ဟ
			001	Z 0 2	O W (¬ ∢ ≥	T III 0	X 4 0	Z < >	7 2 2	70-	∀⊃ @	00-	z o >	о ш О	7 4 Z	T M W	2 4 00	< 0. C)) Z	ر د د	< ⊃ ©	о ш а.) O F	:0>	u U	«Z	. 11 60	4 E	4 >	σz	D 1	⊃ თ	m o
	- Ga	- NORTH	- 1	┿	+	2	_	180	MEN	PROCUREMENT LEAD TIME	TIME	5			REN	MARK	S	aliven	date	s refl	ect ac	tual	Heliver	ries o	roor	tractu	al rec	quiren	nents	Act	ual en	Snar	Selve and	<u>e</u> 8
MANIJEACTIBER'S NAME AND LOCATION		MINIMUM 1-8-5	8-5 MAX	_			-	AD	ADMIN				2	TOTAL	Were	were adjusted to reflect DD250 dates. Delivenes are for install engines and Annus only. Spaced as a control inclinded.	sted	o refl	ᅏ	220	dates	<u></u>	Ivene	S are	101	islan	in the	200	{ 2	1		2		
		SUST.		ᄎ			-12	LEAD TIME	ME	9			AFIEK	AFIEK							- April	- Pour	odino.	9	d vic	datar	mine	then	robei	rlond	rande	eed .	vy bo	ě
Northrop Grumman Corporation				+			<u>:</u> :	TOC I	1 OCT	+			-		200	NOTE: The department is currently concludes the production of more B-2s is required, a minimum sustaining force structure. If the study concludes the production of more B-2s is required, a minimum sustaining	cture.	i th	e stud	8 8	clude	s the	prod	uction	of m	ore E	-2s is	s requ	jired,	a mr	imum	sust	ining	
B-2 Division	SE	SEENOUE	-	+	E				_						D D	Juctio	n rate	Will	e est	ablist	ėĠ.													
Pico Hivera, CA				+	E	RECORDER	+		_																				1	DAGE		5	2	2 PAGE
	N. C.	INIOI ACCICIED	ED	-	P.1.S	HOPPI	P.1 SHOPPING LIST	-																						200	•	5	CVUIBIT P.3	Ė

	-	1	dans.	+							S EIO	2	COOK INCOME	*								Ĭ	FISCAL VP OR	20	ä									FISCAL YR 99	ALY	36		
TEM MANIES CTIBER		PROC.	PRIOR	BAL	j m			H			2	3	CALE	NDAR	CALENDAR YR 9	_			H				2	CAL	END/	CALENDAR YR	86				Ш			CALE	NDAR	CALENDAR YR 99		ŀ
PROCUREMENT YEAR	1 ex >	QTV	10 10CT	- 0		001	z 0 >	0 11 0	J A Z T E B	2 < E	< 0 G	≅∢≻	7 D Z	د د د	∢⊃ ७	ωшσ	0 U F	z 0 >	O III O	2 4 Z	т m w	4 G E	2 < >	7) Z	227	∢⊃ʊ	ωшт	001	z o >	ОШО	¬ ∢ Z	ட பா ம	Σ∢Œ	< 0 E	∑ ∢≻	っコヱ	227	A ⊃ Q ⊗ m σ
B-2	AF			4			+		+	-						1	+	+	+	+	+	+	_	+	-	1											+	+
Northrop Grumman Corp				\sqcup	H	H	H	+	H	H	П					11	+	+	+	++	+	1	H	1	\sqcup			Ц									+	+
(Airframe)					-	+	+	+	+	-	1	1				1	+	+	+	+	+	+	+	+	-	4	1	1	-		1	I			1	+	+	+
FY 91/P	ΑF	9	10		0	+	+	-	+	4		1	I				+	-	+	+	+	+	+	+	4	1		1							T	+	+	+
FY 92	AF	-			0	1	+	-	+	4	-	-	_			1	1	+	+	+	+	1	+	+	+	-	1	1	-	1	1	I			T	t	+	+
Υ 93	ΑF	4		-	e	+	+	-	-	+		1				1	-	+	+	-	+	+-	+	+	4	\parallel	\sqcup	\parallel	$\downarrow \downarrow$		Ц					T		+
General Fleedic Com				-				+	+	-														+													+	$\dashv \dashv$
Findings) .				L	-	T	-	-	-	L	_						H			H	H				\dashv	-		4	4			$oxed{\int}$				+	+	+
FY 91/P	AF	40	4	40	0		H	H	H	Ц	Ц							1	-	-	+	+	+	+	4		1	4	4							+	+	+
Υ 92	AF	4		4	0			\dashv		-						7	1	+	-	+	-	+	+	+	1	+	4		-	1	1					+	+	+
FY 93	ΑF	16	-	14	2	-	-	+	+	+	4	1					+		+	+	+	+	+	+	+	+	1	-	1	1	1					+	+	+
	1			+	+	\dagger	\dagger	+-	+	-	_		1				1	+	+	+	-	+	+	+	H	+	\mathbb{H}	\sqcup	Н		Ц	Ц					Н	H
Boeing Military A/P				H	-	H		H	H	Н		Ц	Ц				Н		H	H	H	H	\dashv	+	-	-	-	4	4	4	4					\top	+	+
(Weapon Delivery System)			1		H				+	-									+	+	+	+	+	-	+	+	+	-	1	1	-	1				+	+	+
FY 91/P	AF	20		20	0		-	+		-	4	-		\int			1	1	1	+	+	+	+	-	+	+	+	+	1	-		1				†	\dagger	ł
				+	+	+		++	+	+	+	44	\coprod					+	11	+	+	++	++	++	+	++	++	+		11	\bot						+	\dashv
	1			+	+	1	+	+	+	+	+	+	1						+	+	+	+	+	+	+	-	+	+	+	1		L				П	H	Н
				+	+		H		H	H	Н	H	Ц	Ц				H		H	H	H	H	H	H	H		H	-	4						1	+	+
				H	H	H	\dagger	\forall	+		+		1					1	+	+	+	+	+	+	-	+	+	+	+	+	+	-	1			1	t	+
	1			+	+	T	1	+	+	+	+	+	-						+		+	H	H	H	H	+	-	H	H	$\downarrow \downarrow$	\dashv						H	H
				-	H	1	H	\dagger	+	H	+	_									+	+	+	+	+	+	+	-	-	-	-	_		1.				+
				+	+					+	+	\mathbb{H}	\sqcup							$\dagger \dagger$	+	+	+++	+	+	H	+	+	1-1	+-+		1	-	1		-		\vdash
						001	z 0 >	O m O	¬ ∢ Z	7 H B	A G G	2 4 ×	7) Z	ر 1	A ⊃ و	αше	0 O F	z 0 >	ΩШО	7 K Z	ппю	2 < C	A G E	∑ < ≻	7 D Z	רכי	A D Q	001	Z O >	0 11 0	2 A C	т ш ю	2 4 C	4 G E	≥ < ≻	, DZ	٦٥٦	«⊃© »шα
			PRODUC	TION R	ATTES	Ī	S			8	OCUR	EMEN	PROCUREMENT LEAD TIME	E C	高				A	AABK	Ġ	Polive	S da	PR 76	Mact	and and	al de	iverie	SOL	confr	actua	redu	Jirem	ents.	Actu	af eng	ine d	eliver
MANUFACTURER'S NAME AND LOCATION	COCATION	7	MINIMUM 1-8-5 SUST.		ک. پر	MAX	皇古			-1	ADMIN LEAD TIME	ADMIN D TIME			MFG	0	TOTAL AFTER	R AL	I We	e ad	usted	to re	fect	DDZ	50 da	168.	Deliv	eries	are f	or ins	stall e	Institution of the property of	S and	AAF	3F,80	는 는	pare	s are
Northrop Grumman Corporation	ion			-	+					岳 .	PRIOR	£ .	PRIOR		TIME	ш	1001	F	9	E	The d	epart	ment	is cu	rrent	y cor	duct	ing a	stud	y to d	letem	NOTE: The department is currently conducting a study to determine the proper long range, heavy bomber	he pr	ober	guo	ange,	heav	y bor
B-2 Division			SEE NOTE	μ	1		T			<u>-</u>	500	1001	ţ		000 40			T	forc	e str	retur	J. H.	he str	udy c	Orde	des	the p	roduc	tion (of mo	re B-	28 is	redu	red, a	Ē	E	susta	Bulu
Pico Rivera, CA				+	+	1	1	INIT	ODED	+		+							é	ancai	n rail	E 4	9	SIADI	Bus													
					-			3	NECONDEN	1		-		20000				1																DAGE	2		30 6	2 PAGE

EXHIBIT P-43

UNCLASSIFIED

FY96 PB	A GOTA IIII	ONIMINA CITY	ETEL SAIN TEAMINED STATES	TIEICATION (S.M.)	9	٥	Date:	6-Feb-95		
APPROPRIATION/P-1 Appn 10, BA01 / #2	APPROPRIATION/P-1 Line Item: Appn 10, BA01 / #2	em:	Weapon System: B-2A	im:	Equipment Nomenclature: Aircrew & Maintenance T	Equipment Nomenclature: Aircrew & Maintenance Trainers		PE 11127F 6	64240F	
Fin Plan	FY94/Prior	FY96	FY97	FY98	Е799	FY00	FY01	FY01	Б	Total
Quantity	ro O									0
3	470.3	15.0	37.7	18.6	13.5	2.7	0.0	0.0	0.0	557.8
RDT&E	854.2	55.9	41.5	47.1	0.0	0.0	0.0	0.0	0.0	998.7
048	12.1	9.0	4.6	9.7	15.5	17.0	18.0	18.5	0.0	109.2

TRAINING SYSTEM DESCRIPTION:

The Training System consists of training equipment hardware, software, and courseware, training missions and classroom academic materials.

This Training System is associated with the delivery of the B-2 ATB. The maintenance trainer RFT date was May 93. Aircrew training began in Jan 94. The maintenance trainers consist of the CMTS, WSTA, and the CESMT. The CPT, WST, and the MT are aircrew trainers and the WLT is an armament trainer. The TSC, SSC and TL are support devices for the above listed trainers.

ACRONYNE:

CMTS= Computerized Maintenance Training System CPT= Cockpit Procedures Trainer WLT= Weapons Loading Trainer RFT= Ready for Training MT= Mission Trainer WST= Weapon Sys

CESMT - Crew Escape System Maintenance Trainer WSTA= Weapon System Training Aid TSC= Training Support Center SSC= System Support Center TL= Training Library

UNCLASSIFIED

_	_	
		•
C	į	
ŀ		-
C	ĭ	5
-	Į	
7	•	ς

WEAPON SYSTEM: B-2	O.			AIRCRAFT IOC DA	IOC DATE: 20/FY97	97			Date:	6-Feb-95		
NING		DELIVERY	READY	AVG	PRIOR YEARS	ARS	FY96		FY97		FY98	
EVICE BY TYPE	SIE	DATE	TRAINING	STUDENT THROUGHPUT	Ŋ.	008T	Ž O∐ O∏	TS00	QIV	TSOO	<u>F</u>	COST
MAINTENANCE	WAFB, MO	APR 93	MAY 93	575	٠ 4	139.9		ю ю		25.0		3.6
AIRCREW	WAFB,											
BLOCK 10 BLOCK 20 BLOCK 30	000	SEP 93 FEB 96 MAY 97	JAN 94 JUL 96 OCT 97		ဟ	95.5 156.2 78.7 330.4		0.0 7.2 4.0		6.2 6.5 7.21		6.0 9.0 15.0
OTAL SUBJUIN	1				·	470.3		15.0		37.7		18.6

UNCLASSIFIED

Training Device by Type: Description/Justification: Contains 3 Weapon System						D TRAINING DEVICE JUSTIFICATION (4 m)	(111.4)					
Description/Justification: Contains 3 Weapon System Trainers (WST) and 2 Mission Trainers (MT) needed to conduct aircrew training of the B-2.		AIRCREW TRAINERS	AINERS			Date:	6-Feb-95		Weapon System: B-2	/stem: B-2		
Iso contains funding for the	Trainers ick upda	(WST) and	1 2 Mission Itain concu	Trainers (Prency with	AT) need the air v	ed to condu ehicle.	ct aircrew tra	ining of the	B-2.			
Pr	Prior Years	9	FY96		FY97		FY98		To Complete	ete	Total Costs	2
FINANCIAL PLAN	AL OIL	DOST .	AII.	COOST	∆IIV	DOOST	OIIV	COST	o∏	COST	ملح	TSOST
HARDWARE COSTS	ro.	271.6									ហ	271.6
EOO Nonrecurring		6.0		11.2		12.7		15.0		16.2		72.4
GE Other (Fee)		28.5										28.5
Total Hardware Costs		323.4		11.2		12.7		15.0		16.2		378.5
SUPPORT COSTS Special SE LS Other		7.0										7.0
Total Support Costs		7.0										7.0
Software/Courseware												
TOTAL COSTS		330.4		11.2	8	12.7		15.0		16.2	N	385. 5.

<u>£</u>
P-4
-
9
XHIBI

Training Device by Type:	-	MAINTENANCI	ANCE TR	E TRAINERS	٥	Date:	6-Feb-95		Weapon System: B-2	/stem: B-2		
Description/Justification: Contains all necessary equipment for maintenance training equipment as well as future block updates to maintain concurrency with the air vehicle.	upment fo	r maintenai	nce training	equipment	as well a	s future bk	ock updates to	maintain	concurrenc	ķ		
	Prior Years		FY96		FY97		FY98		Cost to Complete	Complete	Total Costs	ts
FINANCIAL PLAN	O∏.	ठळ	. OITY	COST	λ Old Old	COST	ату	COST	È	COST	∑ Z	TSOST
HARDWARE COSTS Device	24	94.6		8. 8.		25.1*						123.5
Nonrecurring GFE Other (Fee)												,
Total Hardware Costs		94.6		3.8		25.1						123.5
SUPPORT COSTS Special SE ILS Other		35.3										35.3
Total Support Costs		35.3										35.3
Software/Courseware		10.0						9.e				9.5.
TOTAL COSTS		139.9		3.8		25.1		3.6				172.4
		*FUND	REQUIRE	L D FOR UPGF	ADE OF	TRAINERS.	*FUNDS REQUIRED FOR UPGRADE OF TRAINERS TO BLOCK CONFIGURATION	VFIGURAT	- <u>v</u>			

TVE in Millione)	19		BUDGE! !! EM AL	BULXELLIEM JUSTIFICATION SHEET	H				6-Feb-95	9	
PPROPRIATIRCRAFT PI 010/654069/	APPROPRIATION/BUDGET ACTIVITY (TY\$ in Millions) AIRCRAFT PROCUREMENT (ADVANCE BUTY/BA01, COMBAT AIRCRAFT 3010/654069/Aircraft Procurement, F-22 Advanced Tactical Fighter	JITY (TY\$ in JANCE BUYYBA0 F-22 Advanced To	(TV\$ in Millions) IVyBa01, COMBAT AIRCR enced Tectical Fighter	ZAFT		P-1 ITEM NOMENCLATURE F-22 Advenced Tectical Fighter	ACLATURE scitcal Fighter				
	PRIOR YEARS	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	TO COMPLETE	TOTAL PROGRAM
QUANTITY	0	0	0	0	0	4	4	12	24	398	442
COST (MILLIONS)	0.0	0.0	0.0	0.0	0.0	9.668	985.6	1,835.4	2,980.9	38,755.2	45,456.7
INITIAL SPARES	0.0	0.0	0.0	0.0	38.5	42.9	94.7	152.8	193.7	3,910.6	4,433.2
TOTAL (MILLIONS)	0.0	0.0	0.0	0.0	38.5	942.5	1,080.3	1,988.2	3,174.6	42,665.8	49,889.9
"UNIT COST	0.0	0.0	0.0	0.0	0.0	224.9	246.4	152.9	124.2	97.4	102.8

The F-22 program is developing the next-generation air superiority fighter for introduction in the early 2000's to counter emerging profferating worldwide threats.

The F-22 is designed to penetrate enemy airspace and achieve a first-fold, first-full capability against multiple targets. The F-22 is characterized by a tow-observble highly maneuverable airframe, advanced integrated avionics, and a new engine capable of supersonic cruise without the use of afterburner. A total of 442 F-22 aircraft will be produced.

FY95 PROGRAM JUSTIFICATION:

¥

FY96 PROGRAM JUSTIFICATION:

"Funding in FY97 will be used to fully fund 4 spare engines.

"Unit Cost exclude initial spares.

EXHIBIT P-40 Budget Item Justification Sheet

PRIOCHEALENT (TYS in Millions)	(TVE in Millione)	TVS in Williams)		BUDGET ITEM JU	BUDGET ITEM JUSTIFICATION SHEET	EET				DATE 6-Feb-95	2	
PRIOR YEARS FY94 FY95 FY96 FY97 FY98 FY99 FY09 FY01 TO COMPLETE	PPROPRIATING INCRAFT PR	TIONBUDGET ACTIV ROCUREMENT (ADV Aircreft Procurement,	/ITY (TY\$ in /ANCE BUY//BA0 F-22 Advanced Ti	Millions) 11, COMBAT AIRCE actical Fighter	WFT		P-1 ITEM NOMEN	ACLATURE actions Figures				
0		PRIOR YEARS	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01		TOTAL PROGRAM
NS 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	QUANTITY	0	0	0	0	4	4	12	24	36	362	442
S	(MILLIONS)	0.0	0.0	0.0	0.0	52.9	48.7	137.2	244.8	354.6	3,078.7.	3,916.9
NS	INITIAL: SPARES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8 8.5 aftwill be produced.	TOTAL (MILLIONS)	0.0	0.0	0.0	0.0	52.9	48.7	137.2	244.8	354.6	3,078.7	3,916.9
ISSION AND DESCRIPTION: he F-22 program is developing the next-generation air superiority fighter for introduction in the early 2000's to counter emerging profiferating worldwide threats. he F-22 is designed to penetrate enemy airspace and achieve a first lock, first-kill capability against multiple targets. The F-22 is characterized by a low-observble ighty maneuverable airframe, advanced integrated avionics, and a new engine capable of supersonic cruise without the use of effectumer. A total of 442 F-22 aircraft will be produced. Y95 PROGRAM JUSTIFICATION: NA Y96 PROGRAM JUSTIFICATION: NA	NIT COST AILLIONS)	0.0	0.0	0.0	0.0	13.2	12.2	11.4	10.2	8.8	8.5	8.9
	AISSION ANI The F-22 proy The F-22 is do ighly meneun	D DESCRIPTION: gram is developing the esigned to penetrate (verable sirframe, advi	e next generation enemy airspace a anced integrated £	air superiority fights nd achieve a first lo seviorics, and a new	# for introduction i ok, first-kill capabili engine capable of	n the early 2000's to ity against muttiple is supersonic cruise i	to counter emerging tergets. The F-22 without the use of a	g profiferating work is characterized by afterburner. A total	dwide threats. re low-observble i of 442 F-22 siran	aft will be produ	roed.	
	Y95 PROGF	2AM JUSTIFICATION										٠.
	Y96 PROGF	3AM JUSTIFICATION										

EXHIBIT P-40 Budget Item Justification Sheet

Weapon System Type (Model/Series No.) First System Award Date F-22 Advanced Tactical Fighter Advance Procurement/Advance Funding Quantity Date Contract Award Items 1. CFE Data Transfer Equipment Fiber Optic Network HUD Equipment EW System Equipment Com-Navigation Equipment Landing Gear 4 Set Landing Gear	First System Completion Date Apr-00 Delivery Date of First Product Equipment Required in Mont (4) (4) (5)	on Date Interval Between System Completions (Months) 1-2 months Production Lead Time Unit Cost Total Co	em Completion	s (Months)
Funding	Delivery Date of First Equipment Required (4) Oct-97	Production Lead Time in Months (Adm/Prod)-Total		
nsfer Equipment 4 Set Jan- tic Network 4 Set upment 4 Set wigetion Equipment 4 Set wigetion Equipment 4 Set Gear	(4) Oct-97	imo i (socialis) de miseu in	Unit Cost	Total Cost
nsfer Equipment 4 tic Network 4 uipment 4 em Equipment 4 vigation Equipment 4	Oct-97	(5)	(9)	6
<u> </u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	đ		0
ent uipment	200	• £	9.0	2.5
pment Equipment	May-98	91	0.2	6.0
	Aug-98	19	6.2	24.9
nding Gear	May-98	16	6.0	3.5
	Sep-98	8	0.1	0.4
Flight Control Actuator	Aug-98	\$	0.3	12
Vapor Cycle System 4 "	Aug-98	6	8.0	3.4
Brake and Anti-Skid System	Feb-98	ಕ	0.5	6.0
LEF Drive Actuator 4 "	Dec-97	Ŧ	0.2	0.7
Weapons Bay Drive	Oct-97	.	0.7	0.3
Launchers	Feb-98	13	0.7	9.0
Sensor Stick Force	Sep-97		0	0.1
Ammo Handling 4	Feb-98	13	0.2	0.7
Convertor-Regulator 4 "	Oct-97	ø,	0.1	0.2
Fuel Mgt System	Feb-98	13	0.1	0.3
Titanium	Feb-98	5	0.2	0.7
Composite Material Bulk	Aug-97	7	0.2	=
Forgings	Mar-98	*	8.0	3.3
Other	Jan-98	12	9.1	6.5
2. GFE (Specify) 0				0
3. TOTAL NA				52.9

Exhibit P-10 Weapon System Advance Procurement Analysis/Justification

APPROPRIATIONBUGGET ACTIVITY AIRCRAFT PROCUREMENTIFBAOT, COMBAT AIRCRAFT F-15E F-15	P-40 FOR A NET P-1 COST		BUDGET ITEM JUSTIFICAT	USTIFICATION SHEET	HEET			٥	DATE February 6, 1995	1995	
TY TY S4 FY 95 FY 96 FY 97 FY 99 FY 00	APPROPRIATION/BUDGET AIRCRAFT PROCUREMEN	ACTIVITY T/BA01, COMBAT A	AIRCRAFT			P-1 ITEM NOME F-15E	NCLATURE				
TITY 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		FY 94	FY 95	FY 96	FY 97	FY 98	FY 99	FY 00		П	
NNS) 28.6 20.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	QUANTITY	0		0	0		0	0	0	0	0
NS) 28.6 20.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(MILLIONS)	28.6			0.0		0.0	0.0	0.0	0	49.1
NS) 28.6 20.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	INITIAL SPARES	0.00			0.0		0.0	0.0	0.0		0.0
	TOTAL (MILLIONS)	28.6			0.0		0.0	0.0	0.0	0	49.1
	UNIT COST (MILLIONS)	0	0	0	0	0	0	0	0	0	0

sweeps in or out of the enemy's ground-controlled intercept, environment. The F-15 is a twin engine single crew fixed swept aircraft designed for high maneuverability in air-to-air combat. Two 24,000 lb. thrust, Pratt & Whitney F-100 turbofan engines enable the F-15 to reach a dash speed of mach 2.5. MISSION AND DESCRIPTION: The F-15 textical fighter is designed for the counter air mission. Air-to-air tasks include combat air continental air defense, escort and fighter

The F-15E (Dual Rate Fighter) retains the basic air-to-air capability of the F-15 A-D tactical fighter and adds the systems necessary to meet the urgent requirement for all weather deep penetration and night/under-the-weather air-to-surface attack. It is a two seat aircraft configured with missionized cockpits, low altitude navigation, targeting and Infrared for night (Lantim) capability automatic terrain following/terrain avoidance, and other improvements necessary to fulfill the deep penetration and night/under-the-weather air-to-air surface attack mission.

T PROCUREMENT/BA01, COMBAT PRIOR YEARS 31728.9 34550.6 15.784	5		8	BUDGET ITEM JUSTIFICATION SHEET	STIFICATION SH	ÆET			_	DATE Febr	February 6, 1995		
PRIOR YEARS FY94 FY95 FY96 FY96 FY97 FY98 FY90 FY01	APPROPRI AIRCRAFT	ATION/BUDGET ACTIVI PROCUREMENT/BA01,	ITY COMBAT AIRCRAI	 			P-1 ITEM NOME F-16 P	NCLATURE ROCUREMENT					
7 2189 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <th></th> <th>PRIOR YEARS</th> <th>FY 94</th> <th>FY 96</th> <th>FY 96</th> <th>FY 97</th> <th>FY 98</th> <th>FY 39</th> <th>PY 00</th> <th></th> <th>TO COMPLETE TOTA</th> <th>IL PROGRAM</th> <th></th>		PRIOR YEARS	FY 94	FY 96	FY 96	FY 97	FY 98	FY 39	PY 00		TO COMPLETE TOTA	IL PROGRAM	
S) 31728.9 449.3 75.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	QUANTITY	2189	12	0	0	0		0	0	0	0		2201
S) 34550.6 450.5 82.8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COST (MILLIONS)	31728.9	449.3	75.0	0	0		0	0	0	0		32253.2
NS) 34550.6 450.5 82.8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	INITIAL	2821.7	1.2	7.8	0	0		0	0	0	0		2830.7
15.784 37.542 0 0 0 0 0 0 0	TOTAL (MILLIONS)	34550.6	450.5	82.8	0			0	0	0	0		32253.2
	UNIT COST	15.784	37.542	0	0			0	0	0	0		14.654

incorporated advanced technology features to enhance its combat capability while minimizing its acquisition, operating, and support costs. The F-16 armament consists of a 20mm cannon, air-to-surface and air-to-air missiles, and approximately 11,000 pounds of conventional and guided air-to-surface ordinance. The F-16 will replace the F-4s in the active inventory as well as modernize the reserve forces.

NOTE: FY96 through FY01 funding requirements are addressed in Budget Activity 7, F-16 Post Production Support.

EXHIBIT P-40 Budget Item Justification Sheet

									DATE:		
		•	BUDGET ITEM JUSTIFICATION SHEET	STIFICATION S	HEET				6-Feb-95		
APPROPRIATION/BUDGET ACTIVITY	ET ACTIVITY		0	P-1 ITEM NOMENCLATURE	VCLATURE						
AIRCRAFT PROCUREMENT, AF/BA02, TACTICAL AIRCRAFT	MENT, AF/BA02, TA	CTICAL AIRCRA	Ħ		C-17A						
			10000000	201170170	EV/0/2/07	EVIRY 2 + 1198	FYIRY2+2199	FY(BY2+3)00	FY(8Y2+4)01	EVIDY 31 TVIBY 3 + 1198 FVIBY 3 + 3199 FVIBY 2 + 3100 FVIBY 2 + 4101 TO COMPLETE	TOTAL
	PRIOR YEARS	FY(PY)94	FY(CY)95	FY (BY 1)30	F1(D12/3/	10121100	201				
QUANTITY	20	ဖ	ø	80	0	0	0	0	0	0	40.0
				1 0000	700	74.0	76.8	75.2	74.5		14377.8

and resupply of combat forces to meet mobility requirements of theater Commanders. Provides intratheater outsize/airdrop capability not available within the current force structure. Will provide force modernization and replace lost capability of retiring some C-141 aircraft. strategic (long range) and tactical (theater) requirements. Allows rapid and timely inter and intratheater deployment, employment Develops and procures C-17 airlift aircraft which will provide an additional increment of needed airlift capability to meet both

15262.5

0.0

74.5

884.7

74.5

75.2 16.5 91.7

76.8 33.9 110.7

74.9 78.1 153.0

72.0

155.9 83.9

> 2520.0 315.0

> > 407.5

379.8

422.5 7596.1

Initial Spares (in M) COST (in Millions)

Total (in Millions) Unit Cost (in M)*

117.5 2402.5

> 102.8 2444.8

2342.0

2086.30 29.5 2115.8 352.6

7173.6

FY96 Program Justification:

Includes funding for program management administration (PMA) for technical, engineering, and acquisition support Funding will provide for procurement of 8 aircraft with attendant support.

FY95 Program Justification:

Funding will provide for procurement of 6 aircraft and attendant support.

FY94 Program Justification:

Funding will provide for procurement of 6 aircraft and attendant support

NOTE:

Continuation of the C-17 program beyond 40 aircraft will be determined at the Milestone III Defense Acquisition Board scheduled for November 1995.

45

ARICHART PROCURBMENT (ADV BUY), AFRAO2, TACTICAL ARILIFT ALICHART PROCURBMENT (ADV BUY), AFRAO2, TACTICAL ARILIFT CUANTITY COST (In Millions)	PPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT (ADV BUY) , AF/BA02, TACTICAL			STATE OF THE STATE						
PRIOR YEARS FYIEV194 FYICY195 FYIEV2197 FYIEV2+1198 FYIEV2+3100 FYIEV2+4101	AIRCRAFT PROCUREMENT (ADV BUY), AF/BA02, TACTICAL		P.	-1 LIEM NOMEN	ICLATURE					
BY2+1198 FY(BY2+2)99 FY(BY2+3)00 FY(BY2+4)01 [FY not]		. AIRLIFT			C-17A					
COST (in Millions) COST (in Millions) Exists Sparse (in Millions) First in Millions) Exists Sparse (in Millions) For a first of the many of the m	PRIOR YEARS	FY(PY)94	FY(CY)95	FY(BY1)96	FY(BY2)97				TO COMPLETE	TOTAL
Initial Spares (in M) Total (in Millions) Oo 000 Oo		Φ	6							32
Initial Spares (in M) Total (in Millions) 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0		222.2	189.9							1221.0
Total (in Millions) 808.9 222.2 189.9 Unit Cost (in M)* 40.4 37.0 31.7 MISSION AND DESCRIPTION: Develops and procures C-17 Airliff Alicraft which will provide an additional increment of needed airlift capability to meet both strategic long range) and testing in the state and intratheater depiloyment, employment, and resupply of combat forces to meet mobility equilements of theater Commander. Provides intratheater outsize/airlift or papability not available now. Will provide force modernization and replace lost capability of retiring some C-130 and C-141 aircraft. FY95 PROGRAM JUSTIFICATION: Fr94 PROGRAM JUSTIFICATION: Fr94 PROGRAM JUSTIFICATION: Fr94 PROGRAM JUSTIFICATION: Fr95 PROGRAM JUSTIFICATION: Fr95 PROGRAM JUSTIFICATION: Fr95 PROGRAM JUSTIFICATION: Fr96 PROGRAM JUSTIFICATION: Fr96 PROGRAM JUSTIFICATION: Fr96 PROGRAM JUSTIFICATION: Fr97 PROGRAM JUSTIFICATION: Fr98 PROGRAM JUS		0.0	0.0							1991
Mission AND DESCRIPTION: Devisions AND DESCRIPTION: Devisions and procures C-17 Airlift Aircraft which will provide an additional increment of needed airlift capability to meet both strategic long range) and tactical (theater) requirements. Allows rapid and timely inter and intratheater deployment, employment, and resupply of combat forces to meet mobility requirements. Allows rapid and it in the series of the series		222.2	189.9							1001
MISSION AND DESCRIPTION: Develops and procures C-17 Airlift Aircraft which will provide an additional increment of needed airlift capability to meet both strategic (long range) and tactical (theater) requirements. Allows rapid and timely inter and intratheater deployment, employment, and recipied to the action of theater) requirements of theater Commander. Provides intratheater outsize/airlop capability not available now. Will provide force modernization and replace lost capability of retting some C-130 and C-141 aircraft. FY95 PROGRAM JUSTIFICATION: FY95 PROGRAM JUSTIFICATION: FY94 PROGRAM JUSTIFICATION: Funding will provide for the advance procurement of 8 aircraft with attendant support. Funding will provide for the advance procurement of 8 aircraft with attendant support. NOTES: To continue the C-17 program at the current level of 8 aircraft in FY97, \$183.8 million would be required for November 1995.		37.0	31.7							
FY94 PROGRAM JUSTIFICATION: Funding will provide for the advance procurement of 6 aircraft with attendant support. NOTES: To continue the C-17 program at the current level of 8 aircraft in FY97, \$183.8 million would be required for advance procurement in FY96. These funds will be sourced, pending the outcome of the Milestone III Defense Acquisition Board review scheduled for November 1995.	:Y95 PROGRAM JUSTIFICATION: unding will provide for the advance procurement of 8 aircraft v	with attendant	t support.							
NOTES: To continue the C-17 program at the current level of 8 aircraft in FY97, \$183.8 million would be required for advance procurement in FY96. These funds will be sourced, pending the outcome of the Milestone III Defense Acquisition Board review scheduled for November 1995.	*Y94 PROGRAM JUSTIFICATION: unding will provide for the advance procurement of 6 aircraft v	with attendant	t support.							
	VOTES: To continue the C-17 program at the current level of 8 aircraft I These funds will be sourced, pending the outcome of the Milest	in FY97, \$18 tone III Defens	33.8 million woules Acquisition Bo	ald be required for	or advance proceduled for Novi	curement in FY90 smber 1995.	ø;			
		a 4	P-1 Shopping List	*						

P-SEXHIB.XLS

em Cost Elements SSORIES(4 PER A/C)	3010/10C17A			7217		5 16 15 1			
				¥ / 1 - \		McDonnell Douglas Long Beach, CA	Jouglas . CA	06-Feb-95	
	Ident.	FY94	0.9	FY95	6,0	FY96	8.0	FY97	0.0
Airframes/CFE ENGINE/ACCESSORIES(4 PER A/C)	Code		Tot. Cost (Unit Cost Te	Tot, Cost	Unit Cost	Tot. Cost	Unit Cost	Tot. Cost
ENGINE/ACCESSORIES(4 PER A/C)	∢	275.4	1652.1	270.5	1623.2	237.8	8 1902.0	0	1.3
		1		1		i i			(
(F117-PW-100)	∢	24.0	<u>4</u>	23.7	142.1	72.	201.0	0	0.0
A OFF	4	8.4	50.5	0.4	56.4		8.5		0.0
). Cr.	< ∢	90	3 6	0	5.7		,		
A OTHER GEE	< ∢	0.1	0.7	0.2	1.4			1.9	
5 ECO (All Flyaway Components)	4	19.2	114.9	21.7	130.3	-1	7		
6 NON-RECURRING COSTS					((
Contractor	∢ •		12.4		0.0		0 0	0.0	0.0
Cost Reduction	∢ <		2.2		/3./		104.3 E. 40	<i>s</i> , (0.0
Hazmat	∢ <		0.0		178.0			0.0	0.0
/ SETTLEIVIENT	C	327.7	1000	326.5	2230.8	281.6	235	0	
O AIREDAME POSE	<		22.3		31.0				
10 COMMON SUPPORT EQUIP	< <		18.2		9.1		7.9	6	0.0
11 PECULIAR TRAINING EQUIPMENT	∢		38.2		42.6		77.8	80	0.0
12 PUBLICATIONS/TECH. DATA	∢		16.9		39.2		14.9	6	0.
13 OFP S/W	∢ •		0.0		12.0		12.4	4 0	0.0
14 RM&A	∢ ⊲		0.0		25.6		20.02	0 10	70.7
15 ICS	(∢		0.0		0.0		0.0	0	0.0
17 Subtotal SUPPORT COST		0.0		0.0	169.5	č		.5 0.0	70.7
18 GROSS P-1 END COST		327.7	2114.9	320.5	2400.3	281.0	.0 2592.4		
19 LESS: PRIOR YR ADV. PROC (FY95 = \$26M-FY93 & \$222.2M-FY94)	∢		250.9		248.2		189.9	6:	0.0
20 NET P-1 FULL FUNDING COST (Must equal FY amount displayed on the P-40 exhibit)		327.7	1864.0	326.5	2152.1	281.6	.6 2402.5	0	72.0
	<		0000		180 0			0	C
21 Plus Current Year ADV, PROC.	<		7:777						,
Initial Spares	4		29.5		102.8		117.5	5.	83.9
Mods	∢		3.5		6.2	01.	- 1	15.0	28.9
Common Age CSE	4		0.0		0.0			0:0	0:0
TOTAL	0	327.7	2119.2	326.5	2451.0	281.6	.6 2535.0	0.00	184.8

Award Date of First Quantity Unit Date Delivery Cost Jun-94 Aug-95 6 303.7 Apr-95 Aug-97 8 256.5 Jun-94 Jun-94 6 24.0 Feb-95 Jun-95 6 23.7 Jan-96 May-96 8 25.1	B. Appropriation/Budget Activity	aget Activity	<u>ਪ</u> ਹੁ	C. P-1 Ifem Nomenclafure	arure					
and Location & Type BY Date Date Date McDonnell Douglas C/FPI AMC/ASC Jun-94 Aug-95 6 303.7 McDonnell Douglas C/FPI AMC/ASC App-95 Aug-96 6 311.9 McDonnell Douglas C/FPI AMC/ASC Dec-95 Aug-97 8 256.5 Praft & Whitney FFP AMC/ASC Jun-94 6 24.0 Praft & Whitney FFP AMC/ASC Jan-96 8 25.1 Praft & Whitney FFP AMC/ASC Jan-96 8 25.1	AIRCRAFT PROCURE	MENI/BAOZ/AIKLIFI Contractor	Contract Method	Contracted		-Irst		Specs Available Now	Specs REV REQ'D	If Yes, when Available
McDonnell Douglas C/FPI AMC/ASC Jun-94 Aug-95 6 3 McDonnell Douglas C/FPI AMC/ASC Apr-95 Aug-96 6 3 McDonnell Douglas C/FPI AMC/ASC Dec-95 Aug-97 8 Praft & Whitney FFP AMC/ASC Jun-94 Jul-94 6 Praft & Whitney FFP AMC/ASC Jan-96 May-96 8	Fiscal Year	and Location	& Type	By		Delivery				
Praff & Whitney FFP AMC/ASC Jun-94 Jul-94 6 Praff & Whitney FFP AMC/ASC Feb-95 Jun-95 6 Praff & Whitney FFP AMC/ASC Jan-96 May-96 8	AIR VEHICLE FY94 FY95 FY96	McDonnell Douglas McDonnell Douglas McDonnell Douglas	C/FPI C/FPI C/FPI	AMC/ASC AMC/ASC AMC/ASC	Jun-94 Apr-95 Dec-95				٧ ٧	
	PROPULSION FY94 FY95 FY96	Pratt & Whitney Pratt & Whitney Pratt & Whitney	# # # # # #	AMC/ASC AMC/ASC AMC/ASC	Jun-94 Feb-95 Jan-96				A/X	
							a. 4 -	 		

EXHIBIT P-5A Procurement History and Planning

Exhibit P-10A2 Advance Procurement Execution/Request Comparison

(COMPARISON OF REQUEST TO EXECUTIONS)	S)	-10A		Prior Year for Fiscal Year Program FY94 DATE 6 F. 1005	ar Program	- FY94	
(TOA, Dollars in Thousands)				0 Feb 1995	45		
Weapon System Type (Model/Series No.) First System Award Date C-17A Apr-94	First Syster	n Award Date Apr-94	First System Completion Date Aug-96		vəən Systən	Interval Between System Completions	Ø
Advance Procurement/Advance Funding Quantity Date Contract Award Delivery Date of First	Quantity	Date Contract Award Required/Actual	0	Production Lead Time In Months Total Requested (ADM/Prod) Actual (ADM/Prod)	sted DM/Prod)	Total Cost Actual Requested Contract Co (\$ in Millions) (\$ in Millions)	Actual Contract Cost (\$ in Millions)
(1)	(2)	(3)	(4)	(5)		(9)	6.
1. AIRCRAFT CFE	9	Apr-94		Aug-96 4 Mo Admin/35 Mo Production	oduction	213.6	212.0
2. AIRCRAFT GFE				}		8.6	8,6
3. SUBTOTAL	0					222.2	220.6
4. EOQ(MYP)	0					0	0
			,				
· · · · · · · · · · · · · · · · · · ·						222.2	220.6

-No FY94 advanced buy will be used for the Lot VII engine procurement contract. The Lot VII contract has been delayed. This was done to accomodate the contractor request to more closely align the Lot VII terms and conditions with a commercial procurement, and incorporate the provisions of the 1994 Acquisition Streamlining Act.

WEAPON SYSTEM ADVANCE PROCUREMENT EXHIBIT P-10A (COMPARISON OF REQUEST TO EXECUTIONS)	NT EXHIBIT F NS)	5-10A		DATE 6 Feb 1995		
(TOA, Dollars in Thousands) Weapon System Type (Model/Series No.) First System Award Date	First Systen		First System Completion Date	Date Interval Between System Completions	em Completions	
Advance Procurement/Advance FundingQuantity Date Contract Award Delivery Date of First Required/Actual Equip. Required/Actual	Quantity	Jan-45 Date Contract Award Required/Actual	P	Delivery Date of First Production Lead Time Equip. Required/Actua in Months Total Requested (ADM/Prod)	Total Cost Requested	Actual Contract Cos
(6)	8	(6)	(4)	(5)	(9)	6
1. AIRCRAFT CFE	80	Feb-95	Aug-97	4 Mo Admin/35 Mo Production	180.8	
2. AIRCRAFT GFE					9.1	
3. SUBTOTAL					189.9	
4. EOQ(MYP)	0				0.0	
					189.9	

-Based on the decision not to use FY94 advance buy for Lot VII engines, no advance buy funding for the engines is plo that had been budgeted will be used for the aircraft advance procurement, which has a projected shortfall in funds. The provisions of the 1994 Acquisition Streamlining Act.

Exhibit P-10A Advance Procurement Execution/Request Comparison

Weapon System Advance Procurement EXHIBIT P-10	11BIT P-10			Budget Year 1 for Fiscal Year ProgramFY96	rogramFY96		
(Procurement of Advance Design and Material) (TOA, Dollars in Thousands)	arial)			DATE 6 FEB 95			
Weapon System Type (Model/Series No.)	First Syster	First System Award Date	First System Completion Date	Date Interval Between System Completions (Months)	stem Completio	ns (Months)	
Vance Procurement/Advance Funding	Quantity	Quantity Date Contract Award Planned/Required	Delivery Date of First Equipment Required	Production Lead Time in Months(Adm/Prod)-Total	Unit Cost	Total Cost	
(1)	(2)	(3)	(4)	(5)	9	6	
1. AIRCRAFT CFE	0					0	
2. AIRCRAFT GFE	0					0	
3. SUBTOTAL	0		Video -			0	
4. EOQ(MYP)	0					0	
			41.00				
5. TOTAL						0	
-To continue the C-17 program at the current level of 8 aircraft in FY97 would require \$183,8M of advance procurement in FY96. These funds	t the currer	nt level of 8 alrcraff in FV	97 would require \$183.8h	1 of advance procurement in F	796. These funds		

will be sourced, pending a decision at the Milestone III Defense Acquisition Board review scheduled for November 1995, from the budgeted Strategic Airlift funding.

Exhibit P-10 Weapon System Advance Procurement Analysis/Justification

FY96/7 BUDGET PRODUCTION SCHEDULE	CHEDULE	-	P-1	ITEN	S NO	MEN	ITEM NOMENCLATURE	TUR																			DAIE	ш	0	6 1 90 93	•								
	-	1	1						ū	LI OC	SCAL VR 94	B 94			**						FISCAL YR 95	SO	ΥR	35									FISC	SAL	FISCAL YR 96			1	_
	¥ a	ACCEP	BAL				L			2		CALENDAR YR 94	DAR	S S				L					3	END	CALENDAR YR 95	95							CAL	ENDA	CALENDAR YR 96		1	_	4 I
PROCUREMENT YEAR R		-	AS OF 1 OCT	001	Z 0 >	ОШС	¬ ∢ Z	шшα	≥ < 0	< 0. 0	2 <>	つ コ 2	7 2 -	∢⊃ ೮	оша	00+	z 0 >	0 11 0	⊥ш 6	∑ < Œ	A G R	Σ∢≻	っつZ	7 7 7	∢⊃ʊ	αшσ	00-	z 0 >	<u>о</u> ш о	¬ ∢ Z	டயக	Σ∢α	< 0. C	∑ ∢ ≻	7 J Z	ר כ כ	∢⊃ ७	опо	- ш «
AF					+	+-	+-					Н			H	H	\vdash	\vdash	H	-	H	Н	\perp			4	4			4	\perp	\perp			1		+	+	T
						4						\top	+	+	+	+	+	+	+	+	+	+	+	-	1		_	_		\perp					T		Ħ	H	T
released House Catalyte		Ī			+	+	_	1				1	+		+	+	+	+	-	+	\vdash	Н	Н	Н			Ц	Ц		Ц		Ц			П	H	\Box	1	Т
Lot IV/FY92	4				H	Н	Н	Ц		-	-	-	Н	-		H		Н	\dashv		+	4		4	4		4	1	4	4	1				1	\dagger	\dagger	+	T
				Ц		Н							+	+	+	+	+	+	+	+	+	+	+	+	+		+	1	1	1	1	1			T	+	\dagger	t	T
C-17/McDonnell Douglas	·				+	+		1				1	+	\dagger	-	+	-	+	-	-	-		-	_	\bot				_						П	T	H	H	П
Lot V/FY93	0			L	\perp		+				П	П	Н	Н	+	Н	H	Н	H	H	Н	\sqcup	\sqcup	H	\sqcup		Ц									\top	T	+	T
C-17/McDonnell Douglas					Н	Н	Н	Ц	Ц				T	+		+	+	+	+	+	+	+	+	+	1	1	1	1		4	1		-		-	T		\dagger	T
Lot VI/FY94	9			_	+	+	+	+				1	\dagger	+	\dagger	+	+	+	+	+	+	+	+	+	1	1	1	1		-	1	L	1		•			Н	
				1	+	-	\downarrow	+	1				T	+	t	+	t	H	H	╁	-	\vdash	-	-	L	L						Ц	Ц				\Box		
C-17/McDonnell Douglas	(C			_	+	+	+	_						T	Н	Н	Н	Н	Н	Н	Н	Н	Н	H	H	Н	4	Н	\perp	4	_						-	\dagger	2
CE 1714 107	,			L	-	\vdash	H										+	1	+	+	+	+	+	4	+	4	4	1	4	4	4	4	1			T	T	\dagger	T
C-17/McDonnell Douglas					Н	H	H	Н						1	1	\dashv	+	+	+	+	+	+	+	+	+	-	1	4	+	+	_	1	1	1		1	\dagger	+	60
Lot VIII/FY96	89			_	\dashv	-	\dashv	4		1		1	1	+	+	+	\dagger	+	+	+	+	+	+	+	+	+	1	1	+	1	-	\downarrow				T	T	+	
				4	+	+	+	4	1			1	1	+	1	+	\dagger	\dagger	+	+	+	╁	+	+	-	+	+	-	1	-	1	_		L		T	T	t	
				4	+	+	+	+	1				1	T	+	\dagger	\dagger	t	+	+	+	+	╀	+	-	1	-	L	-	L									
				+	+	+	+	+	1				T	T	T	+	t		+	+	\vdash	-	\vdash	H	H	L	L			Н		Ц		Ц					
				1	+	+	+	+	1	L			T	T		T	-		\vdash	-	-	H	-	-	L				Н			4						1	
				-	+	╁	H	+	L		L					H	H	Н	Н	Н	Н	Н	Н	Н	Н				4		_			4		1	1	+	
				L	-	-		-											\dashv		\dashv	-	+	+	+	4	4	+	4	4	-	4	_	1			T	1	T
					H	Н	H	Н	Ц						T			7	+	+	+	+	+	+	+	4	4	4	+	+	+	_	1			T		+	
				\sqcup	+	\dashv	\dashv	+						T	1	1	+	+	\dagger	+	+	+	+	+	+	+	+	+	+	+	-	+	1			T	T	+	T
				+	+	+	+	+	+	_	\perp			1	T	\dagger		+	+	t	+	+	+-	+	┿	+	+	+	+	+	-	-	_	L		T			
				+	+	+	+	+	+	_			Γ	T	T	+		+	+	╁	+	╁	\vdash	1	-	-	-	H	H	H	Ц	Н	Ц	Ц					
				\vdash	+-	H	\vdash	+	-											H	H	Н		Н	Н	Н						4						1	T
				001	00+	z 0 >	¬ ∢ Z	ш ш ш	≥ < □	< 0 €	∑ ∢≻	っコヱ	רכי	∢ ⊃ ত	ωшα	00-	z 0 >	ОШО	7 K Z	шш	2 4 Œ	4 G G	¬⊃Z ∑∢≻		L U A G C A	ошα	00-	z 0 >	о ш о	7 4 Z	<u>т ш ю</u>	∑ < Œ	< 0 C	Σ<≻	7 D Z	ר כ ר	ע⊃ט	wшo	
	aa	OPTION	NPA		+-	┿	1	1	1	CUR		EA	MILLO	ш		1		JEW.	REMARKS																				
MANUFACTURER'S NAME AND LOCATION		MINIMUM 1-8-5	1-8-5	MAX		1 4	•		-	ADMIN LEAD TIME	ADMIN D TIME			MFG		TOTAL																							
McDonnell Douglas		9		80	12				Z	PRIOR	PRIOR	æ	1	TIME		1 oct																							
3855 Lakewood Blvd					\forall				0	1 OCT	1 OCT	E			1		T																						
Long Beach CA 90846				+	+	4	LINI	4	+		4			35			T																						
				-	\dashv	2	REORDER	2	-		4			j	1		1																PAGE	l H	-	1 OF	-	1 PAGE	
						4 1	P-1 SHOPPING LIST ITEM NO.	PPINC O.	1LIST																								Š	3	•	5	EXH	EXHIBIT P-21	
																																						_	7

EXHIBIT P-6 Acquisition Logistics and Operations and Support Funding for Selected Weapon Systems

	EY94	EY95	EY96	FY97	EY98	EY8	EX00	EYO1 SOL	complete Total
A. General Program Data									
Procurement City.	9	9	80						
Cum Operating Inv.									
No of Op. Units									
OPTEMPO									
China hours or miles ness month)									
Chillian is a small be small be likely									
Keddiness Obj.									
Intermediate Level									
Stand-up Date									
Depot Level Stand-up Date									
and Annual Landburg Control of the C									
D.A.C. LUBINO LOUISING RESOURCES			1		1				4
Initial Spares	29.5	102.8	117.5	83.9	78.1	33.9	16.5	0.0	0.0
War Reserve Spares	0.0	0.0	0.0	0'0	00	0.0	0.0	0.0	0.0
Field Level Common									
Supt. Ed. Proc.	18.2	9.1	7.9	0.0	0.0	0.0	0.0	0.0	0.0
Flatch Layer Peculiar									
supr. Eq.		0	0	0	0	C	6	Ċ	ć
RDISE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0,0	0.0
Proc.	22.3	31.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0
Depot Level Supt.									
Eq./Software									
RDT&E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pioc.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Technical Data/Manuals									
ROT&E	1.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Proc	16.9	39.2	14.9	0.0	0.0	0.0	0.0	0.0	0.0
Training Sycs. & Training Fa.									
(Craw and Maintenance)									
RD1&E	0.3	3.3	7.5	0.0	0.0	0.0	0.0	0.0	0.0
Proc.	38.2	42.6	77.8	0.0	0.0	0.0	0.0	0.0	0.0
C. Operations and Support									
Manpower (\$)	27.0	30,3	46.1	62.0	78.7	92.8	92.0	94.8	
Military	1008	1419	1913	2242	2764	2765	2765		
Childra	62	8	117	153	189	<u>8</u>	184	184	
Fuel									
Consumables	11.0	52.3	74.2	96.4	123.2	136.3	140.4	144.7	
Pandrables			Ξ	Ξ	=	79.9	82.3	84.8	
Sustaining Eng. Support	37.0	55.4	60.2	53.2	58.2	61.1	65.9	64.8	
Depot Maintenance					=	37.6	38.7	39.9	
Indiant Support	49.0	104.5	133.3	156.2		179.8	185.1	190.8	
COOK the Control of the Control	7 80	35.4	545	707	73.5	75.5	73.8		145.3
INTERIM CONTRACTOR SUDI. (ICS)	1.02	3	3	3)	2		2

--Consistent with OSD guidance, manpower and aircraft costs for the schoolhouse are captured in the indirect support category --Manpower numbers reflect active duty and reserve requirements --Assumes depot capability beginning in FV97 and full up in FV99, a steady-state situation under a 40 total aircraft scenario Notes:

EXHIBIT P-6 Acquisition Logistics and O&S Funding

Appropriation/P-1 Line Item Weapon System(If Applicable) Equipment Nomenclature PROD 3010 C-17 TRAINERS (ATS & MTD) Fin Plan FY94 FY95 FY96 FY90 FY00 Fin Plan FY93/P FY94 FY96 FY90 FY00 Fin Plan FY93/P FY94 FY96 FY00 FY00 Fin Plan FY93/P FY94 FY96 FY00 FY00 RDT&E 140500 0 0 0 0 0 RDT&E 140500 0 0 0 0 0 Q&S 7980 6630 8050 10733 13420 16370 19320 21340 TRAINING SYSTEM DESCRIPTION ATS Provides initial and continuous training for C-17 aircrew members. Training will be totally contractor administered and supported, with AMC evaluating the final product, a fully qualified member. The training system will be developed and supported. The training system of the final product, a fully qualified member. The training system will be developed. The training system of the function of t	tem					•			
PROD 3010 Fin Plan FY93/P Foundantity 161610 RDT& 140500 O&S 7980 TRAINING SYSTEM DESC Provides initial and continuour and supported, with AMC events of the AMC events of th		Weapon S	ystem(If Ap	Weapon System(if Applicable) Equipment Nomenclature	duipment	Nomencl	ature	<u>a</u>	PE
Fin Plan FY93/P FOURTH Plan FY93/P FOURTH PLOS FOR FOR FOR FOR FOR FOW		C-17 TRAIN	C-17 TRAINERS (ATS & MTD)	MTD)					41130F
Suantity Proc 161610 SDT&E 140500 D&S 7980 FRAINING SYSTEM DESC Provides initial and continuous and supported, with AMC every	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	Total
Proc 161610 SDT&E 140500 D&S 7980 IRAINING SYSTEM DESC Provides initial and continuous and supported, with AMC every street and supported, with AMC every street and supported.	4		-						သ
PAINING SYSTEM DESCIONATE AND STATE	38200	42600	77800	0	0	0	0	0	320210
RAINING SYSTEM DESC	0			0	0	0		0 2	140500
RAINING SYSTEM DESCIrovides initial and continuous and supported, with AMC every	0699	8050	10733	13420	16370	19320	21340	22/40	120583
concurrently with the aircraft development and production. The Aircraft with the aircraft development and production. The Aircraft Stations (LSS), Cargo Compartment Traine and Cockpit System Simulators (CCSs). The blend or mix of the components depend on the base or schoolhouse they are being delivered to. The bases are: Charleston AFB, Altus AFB. MTD The system is designed to reduce the maintenance training level to the lower skill levels. The system will employ accessibility, repairability, and interchangeability features. Integration will be with the aircraft development and production. Program is constrained to a 40 aircraft buy profile.	is training aluating the developments. Comports (CCSs) asses are: Sibility, repoduction.	for C-17 aircre he final produ nent and prod uter Based Tra uter Based Tra charleston Af pairability, and	ATS w members. ict, a fully quaduction. The A liners (CBTs), L r mix of the cc FB, Attus AFB. training level t d interchange	Training will talified member Alified member Alicrew Training condendater Stomponents of the lower skeability features	ne totally con ir. The training g System (AT rations (LSs), C apend on the all levels. es. Integration	fractor admi g system will S) consists of Cargo Comp b base or sch	ATS 2-17 aircrew members. Training will be totally contractor administered nal product, a fully qualified member. The training system will be developed that production. The Alicrew Training System (ATS) consists of: Based Trainers (CBTs), Loadmaster Stations (LSs), Cargo Compartment Trainers (CCTs) be blend or mix of the components depend on the base or schoolhouse they arieston AFB, Altus AFB. Tenance training level to the lower skill levels. Application will be with the application will be with the ability, and interchangeability features. Integration will be with the	ers (CCTs)	
		P-1 Shopping List Item No.	oing List	Page No.	Page No. EXHIBIT P-43 Simulator & 1	13 & Training	EXHIBIT P-43 Simulator & Training Device Justification	stification	

SIMULATOR AND IRAIN OF DEVICE JUSTIFICATION (Page				3) (2000)				DATE:	6 FEB	8 95		
Training Device by Type	T TDAINEDS	IEDS				Weapon System (If Applicable)	ystem (If A	Applicable)				
		VEIKS										
Description/Justitication ATS: Provides initial and continuous training to C-17 dircrews. MTD: Provides the devices necessary to reduce the maintenance manning level and training to the lowest level	nuous trai	ning to C-1	7 aircrews	Jance mar	ning leve	l and frainir	letto the l	owest level				
Financial Plan	Prior	Prior Years	FY	FY94	4	FY95	2	FY96		Cost to Complete	Total Cost	Cost
	Δţ	Cost	Qhy	Cost	Qty	Cost	Øfy	Cost	Qty	Cost	αţλ	Cost
HARDWARE COSTS Device (Hardware) Concurrency Updates	4	160310		37900		42300		41400		0	9	201710
Nonrecurring GFE Other(Specify)												
Total Hardware Costs		160310		37900		42300		77500		0		318010
SUPPORT COSTS												
Special SE Integrated Logistics Supt. Other(Specify)												
Total Support Costs		0		0		0		0		0		0
Software/Courseware		1300		300		300		300				2200
TOTAL COSTS		161610		38200		42600		77800		0		320210
			٠.	P-1 Shopping List Item No.	oing List Ite	€ No.		Page No.		EXHIBIT P-43	T P-43	

			FV97	-	Cost	0		0	0	0		
			5706		ÇİŞ	36400			1 41400	77800		
			בייסק		Cost	26100	 	16500		42600		43
3 95		41130F	1	- 1	δţζ.			_				EXHIBIT P-43
6 FEB 95	PE			7,4	Cost	22100		16100		38200		
DATE:			12	F 1 74	Qty							Page No.
	14	ature		ears	Cost	79100		82510		161610		
	Equipment	Nomenclature		Prior Years	Qty			6				Item No.
2) (\$000)		Aircraft	Jan-45	Average Student	Throughput	TBD		318	224 TBD	TOTAL	:	ng List
SIMILI ATOR AND TRAINING DEVICE JUSTIFICATION (Page 2) (\$000)	ystem			Ready for	Э	As Units Accepted		Jul 94 As Accepted	As Accepted As Accepted			P-1 Shopping List
DEVICE J	Weapon System	(O	Delivery	Date	94-95 A		Jul-94 Apr-95	Oct-95 Apr-98			
TRAINING	_		3010	Site		Alfus		Base C				
CINA II ATOR AND	Appropriation/	P-1 Line Item		Training Device	By Type	MTD 1 suite	710	wst wst	wst			

	BUDGET ITEM JUSTIFICATION SHEET			DATE Feb-95							
THOUSAND COMME	DIPOCT ACTIVITY			P-1 ITEM NOME	TEM NOMENCLATURE						
3010/10400J	3010/10400J										
(***)				C-130H P	C-130H HERCULES						
(initial)	PRIOR YEARS	FY (PY) 94	FY (CY) 95	FY (BY1) 98	FY (BY2)97	FY (BY+1) 98	FY (BY + 2) 99	FY (BY + 3) 00	FY (BY +4) 01	TO COMPLETE	TOTAL PROGRAM
	16.00	00.0	00.00	0.00	00.00	0.00	0.00	00.00	00.00	0.00	16.00
QUANTITY											
COST	527.10	42.20	31.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	. 600.60
(MILLIONS)											
INITIAL SPARES	23.60	1.10	15.80	14.30	14.70	30.00	24.10	23.20	16.70	0.00	163.50
TOTAL	550.70	43.30	47.10	14.30	14.70	30.00	24.10	23.20	16.70	0.00	764.10
UNIT COST	34.42	N/A	N/A	N/A	N/A	N/A	A/N	N/A	N/A	N/A	N/A

extraction, airdrop or other delivery techniques; and the air logistics support of all theater forces, including those engaged in combat operations, to meet specific theater objectives and requirements. It is a medium size tactical transport powered by four T-56-A-15 turboprop engines. It has a ferry range of 4,200 NM, a service ceiling of 35,000 feet, and a cruise speed of 315 knots, and can carry a payload of 40,174 pounds. The Air Force is designated Executive Service for the C-130 production contract. The Five Year Option Contract (FYOC) covers FY92-95, effective 10 Dec 91. The C-130 provides the immediate and responsive air movement and delivery of combat troops and supplies directly into objective areas through airlanding.

FY95 PROGRAM JUSTIFICATION: THE FY95 PROGRAM PROVIDES FOR RESIDUAL TASKS AND SUPPORT REQUIREMENTS FOR THE FY92/93 ACC AIRCRAFT

Line Item 8 **EXHIBIT P-40**

BUDGET ITEM JUS	BUDGET ITEM JUSTIFICATION SHEET			DATE							
				Feb-95							
APPROPRIATION/BUDGET ACTIVITY	UDGET ACTIVITY			P-1 ITEM NOM	ITEM NOMENCLATURE						
3010/10400J				C-130J							
	PRIOR YEARS	FY (PY) 94	FY (CY) 95	FY (BY1) 96	FY (BY 2)97	FY (BY+1) 98	FY (BY + 2) 99	FY (BY +3) 00	FY (BY+4) 01	TO COMPLETE	TOTAL PROGRAM
QUANTITY	0	0	0	2	2	2	2	2	2	0	12
COST (MILLIONS)	0	0	0	88.6	92.8	98.8	95.7	95.9	94.4	0.0	586.2
INITIAL SPARES (MILLIONS)	0	0	0	17.0	19.4	12.5	12.9	13.3	13.7	0.0	88.8
TOTAL (MILLIONS)	0	0	0	105.8	112.2	111.3	108.6	109.2	108.1	0.0	655
UNIT COST	0	0	0	52.8	56.1	56.7	54.3	54.6	54.1	0.0	0

extraction, airdrop or other delivery techniques; and the air logistics support of all theater forces, including those engaged in combat operations, to meet specific theater objectives and requirements. It is a medium size tactical transport powered by four AE2100 turboprop engines. It has a ferry range of 3,800 NM, a service ceiling of 27,000 feet, and a cruise speed of 320 knots, and can carry a payload of 42,200 pounds. The Air Force is designated Executive Service for the The C-130 provides the immediate and responsive air movement and delivery of combat troops and supplies directly into objective areas through airlanding, C-130 production contract.

FY96 PROGRAM JUSTIFICATION: The C-130J will replace the aging C-130E models. The C-130J model will have an upgraded two crew member cockpit, modern technology avionics and new engines and propellers. C-130J will provide improvements in reliability and maintainability thus securing reductions in operating and support costs and improved availability.

FYDP includes funding for program management administrative (PMA) requirements for technical, engineering and acquisition support.

EXHIBIT P-40 Line Item 9

Onti Cost Unit Cost Tot. Cost Unit C	POH SYSTEM COST ANALYSIS BIT (2-5)	Activity Title/No. 3010/10400J	Appropriation/Budget awty Title/No.	B. Weapon Model/Series/ Popular Name C-130J	Model/Sene	ss/ Popular	Plant City/State location	Plant City/State location	Month/Year	6-Feb-95
Code		trep!		ΔTV	FY95		FY96	Oty (2)	FY97	Oty (2)
### ACC A A A ### ACC		Code	Unit Cost	Tot. Cost	Unit Cost					_
## ACS Model: ALLISON AE2100) Model: ALPECURRING COSTS Model: ALPECURRING COSTS Model: ALPECURRING COSTS Model: ALPECURRING EQUIPMENT Model: ALPECUR		A								
Model: ALLISON AE2100) NNICS RAMENT ER GFE (*ALLISON AE2100) *AMENT ER GFE (*ALLISON AE2100) *ALLISON AE2100) *ALLISON AE2100) *ALLISON AE2100) *ALLISON AE2100) *ALLISON AE2100 *ALL	(4 per A/C)									
AMENT ER GFE (AIL FIJAWAY CONTS) 1							· -			
EN GFE	2. AVIONICS									
AMENT EN GFE (All Fiyaway Components) -RECURRING COSTS) (All Fiyaway Components) -RECURRING COSTS) (E. A COSTS A coll of the properties	B. GFE									
OTHER GFE ECO (All Flyaway Components) NON-RECURRING COSTS DOING) THE COSTS Subtotal ELYAWAY COST A RIBERAME PGSE E ENGINE PGSE E ENGINE PGSE E ENGINE PGSE A RINDING EQUIPMENT B PUBLICATIONS TECH. DATA E ECO (All Support items) PUBLICATIONS TECH. DATA E ECO (All Support items) PMA (PAP S6) TRANSFER S Subtotal SUPPORT COST C GROSS P-1 END COST O NET P-1 FULL FUNDING COST O NIGHT SPARRES O NET P-1 FULL FUNDING COST O NIGHT SPARRES O NET P-1 FULL FUNDING COST O NIGHT SPARRES O NET P-1 FULL FUNDING COST O NIGHT SPARRES O NET P-1 FULL FUNDING COST O NIGHT SPARRES O NET P-1 FULL FUNDING COST O NIGHT SPARRES O NET P-1 FULL FUNDING COST O NIGHT SPARRES O NET P-1 FULL FUNDING COST O NIGHT SPARRES O NIG	3. ARMAMENT									
ECO (All Flyaway Components) NON-RECURRING COSTS Soling) OTHER COSTS Subtotal FLYAWAY COST AIRTRAME PGSE ENGINE PGSE AVIONICS PGSE AV	4 OTHER GFE									
ATA ATA O O O O O O O O O O O O O O O O	5. ECO (All Flyaway Components)									
AY COST E SE AINING EQUIPMENT S.TECH. DATA of items) IMISSION) A of items) IMISSION) A DATA SER OFT COST OF	(Tooling)									
AY COST E SI AINING EQUIPMENT S.TECH. DATA ONT Items) 'MISSION) ND COST ND COST OURT GISPIAyed OURT GISPIAyed OURT GISPIAyed Vear ADV, PROC.	(Other)								88.6 46.4	4 92.8
ING EQUIPMENT FECH. DATA Items) ISSION) RANSFER A T COST COST COST COST COST COST COST O O O O O O O O O O O O O O O O O O	7. OTHE COSTS		0		0	0				
ING EQUIPMENT IECH. DATA Items) ISSION) RANSFER RT COST COST COST ONDING COST O O O ONDING COST of displayed at ADV, PROC. A ADV, PROC.	9. AIRFRAME PGSE	⋖_								
ING EQUIPMENT FECH. DATA Items) A Items) A ISSION) A ISSION) AT COST COST COST COST COST COST COST COST	10. ENGINE PGSE									
PUBLICATIONS TECH. DATA ECO (All Support Items) OTHER (TEST/MISSION) PMA (PAP 56) TRANSFER Subtotal SUPPORT COST GROSS P-1 END COST GROSS P-1 END COST GROSS P-1 END COST GROSS P-1 EULL FUNDING COST USES: PRIOR YR ADV, PROC eakout by Prior FY affunding) NET P-1 FULL FUNDING COST the PLAD exhibit) Standard displayed the PLAD exhibit) Other Non P-1 Weapon System Costs Using Spares	11. AVIOURIES FEST. 12. PECULIAR TRAINING EQUIPMENT									
ECO (All Support liems) OTHER (TESTAMISSION) PMA (PAP 56) TRANSFER Subtotal SUPPORT COST GROSS P-1 END COST GROSS P-1 END COST GROSS P-1 END COST GROSS P-1 END COST ONET P-1 FU!L FUNDING COST Steptial FY amount displayed the Pt-3 exhibit) Steptial FY amount displayed The Pt-3 exhibit for the Pt-3 ex										
OTHER (TESTIMISSION) PMA (PAP 56) TRANSFER Subtotal SUPPORT COST GROSS P-1 END COST GROSS P-1 END COST LESS: PRIOR YR ADV, PROC reakout by Prior FY cfunding) NET P-1 FULL FUNDING COST Ust equal FY amount displayed the PLAD exhibit) Thus Current Year ADV, PROC.		4						_	0 034	0.017
Subtotal SUPPORT COST GROSS P-1 END COST LESS: PRIOR YEADV, PROC eakout by Prior FY amount displayed the PLAD ENTER Year ADV, PROC. Other Non P-1 Weapon System Costs Middles Middles Subtotal System Costs	0	<u>. </u>								
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0, 0		0	0	0	0	0		88.6	46.4 92.8
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(Breakout by Prior FY offunding)								200	45.4 92.8
OC.	19 NET P-1 FU!L FUNDING COST (Miss Equal FY amount displayed (in the Pt-4) exhibit)		0	0	0	0	0			
Plus Current real ADV, 1900. Other Non P-1 Weapon System Costs Initial Spares										
WOOK					· · ·				11	19.4
52.8	23. Mods	Г					c		105.6	56.1 112.2

NOTE: Aircraft has not been defined well enough to determine seperate costs. Total cost has not yet been fully determined (still in early stages).

BUDGET PI	BUDGET PROCUEMENT PISTROL AND LANGUE AND NOW		O 4 Hom Momenclature	dure	CR-09-1-9					
B. Appropriation/Budget Activity	dget Activity		C. F-I Item Montener		C-130J		47.1	Chara	Space REV	If Yes, when
0/10400J	Contractor	Contract Method		Award	Date of First	Quantity	Cost	Available Now	REQ'D	Available
Cost Elements	and Location	& Type	By	Date	Collegi			;	,	20405
96	LASC	SS/FP	AFMC	May-95	Jun-97	7	44.3M	°2	8	CR-OB-L
	Marietta, Ga.		C N	TBD	TBD	2	46.4	Š	× × ×	Feb-95
26	LASC Marietta, Ga.	SS/FP								
				·						

D> REMARKS

Air Vehicle: FY96 a/c are in the planning stages to be purchased under a Five Year Option Contract (FYOC). The engines are being provided as Contractor Furnished Equipment (CFE) and are included in the air vehicle price.

FY97: Award and delivery dates are not available at this time. Based upon the fact that FY96 actions are not definiite.

EXHIBIT P-5A Procurement History and Planning

Eg.	
280	
8	
Logistics	
not like	
Aog	
2	
EXHIBIT	

· HGURES NOT AVAILABLE.

6-feb-95	LEGICAL DESCRIPTION OF THE COLUMN TO THE COL	9
	or o	<u>Q</u>
	a~2	12721
	845	13328
٠.	8 1 ~ ∞	82021
	81 ~ ~	0832
the fact	244	27
Weapon \$	8400	929
pepeles	% 00	•
Funding for	% 00	•
EXILIBIT P-4: C-130J FROGRAM 3010 APPROPRATION Acquisition Logarites and Operations and Support Funding for Selected Weapon Systems	A. General Program Data Procurement Gity. Cum Operating Inv. No. of Op. Units OPTEMPO (Rying hours or miles per month) Readiness Obj. Infermediate Level Stand-up Date Depar Level Stand-up Date	B Acquisition Logistics Resources war Reserve Spares Year Reserve Spares Fed Level Common Supt. Eq. Rotter Supt. Eq. Rotter Rotter Rotter Rotter Rotter Rotter Rotter Proc. Technical Data/Manuals Rotter Rot

]	٠.	۷٠	- ш с	(COED) Z		1				Ц				4	1	-	1	L				-	+	-	-			+			-		of chea				
200		1) m ()																								Ц			<u></u>	,		8				5
		1	0>		1																									20:	>		The production rates vary due to Loddheadt variety or customess. Max and Mare in a production vary yearly based an need. The J Model is sife confingent upon several.				PACE 1 OF 2
		1	00-	H	+	†	t	T					1	1	1	T	T	T				1	1	T			П			00.			Mer. Mc	4			
+	1	ŀ.		Н	+	†	t	t	H				1	1	1	Ť	1	T	T			1	1	1	T		П		П	"	-		a confir	approvate. Like the H, model the J model will also be an 'off the their			
I		1	< > 0	Н	+	+	\dagger	1			H			1	1	1	t	t	T		П	1	1	T	T		П	1	П	40	3		BA CA C	0.00			
١		\$, , ,	Н	+	\dagger	\dagger	t	H	H	H			1	1	†	†	t	t	r	H	1	1	1	T		Ħ	T	П	70	7		do vet	d og			
		À	, D Z	Н	+	+	t	\dagger	-	-	H	Н		1	1	†	†	t	1	T	П		1	1	t	T	П	1		77	z		A Per	del val			
1	_ 1	1	5 < >	H	+	+	+	\dagger	+	-	H	H	Н		+	†	†	t	t	T		H	1	1	T	T	Ħ	T	П	2 <	>		ol of a	PLE			
	FSCAL YR 85	-	< a a	Н	+	+	+	+	\dagger	+	H		Н		1	+	†	\dagger	t	t			1	†	t	T	П	Ť	T	< a	~		Day of	X led to			
ľ	Ž	+	5 ∢ ∝	H	H	+	+	+	+	H	\vdash	H	H	H	+	+	+	†	t	T		Н		1	1	T	П	1	T	∑ ∢	~		vecaty	AH, H			
				H	H	+	\dagger	\dagger	t	-	H	-		H		+	+	†	t	T	T	П		1	T		П			T W			n vay	UKe T			
1			¬ ∢ z	\vdash	H	+	+	\dagger	t	\dagger	t	t		Н		1	1	†	T	T		H		1	1	T	П			¬∢	2 2	2	e prod	SVQ.	ŧ		
			D W ()	┞	Н	+	+	t	t	t	t	1				1	1	†	t	t	T	П			T				T	O ==	CONTRACTOR		₹ 6	8	orace.		
			z 0 >	╀	H	+	+	†	t	t	t	t	T				1	1	1	1		П	П		1	T				z 0	>	١	a -				
			00-	+	Н	+	†	†	t	t	t	\dagger	T		П		1	1	1	T	T									00		TOTAL	APTER		Ц		
			о ш с		H		†	†	T	T	T	T	T		Ī				1									Ц		eo m	٥						
	ı	Z	< > @	1			1	T	T	T	T	T																		∢>	9	L	2 2		Ц	Ц	
		CALINDAR YR M	72-	1	Ħ	Ħ	1	1	T	T			T														L	Ц		73	إـ						
		VIIV	7 D Z				1	1	T	T	T	T	T															Ц	1	73	Z	3					
C-130J	YRS		Z < >	T				T		T	T	I																Ц		Σ ∢	>	NEMEN LEAD INTO	a Cisa	Č			
C-130	Ş		< a a	1					T			I								1	1		L		Ц	1	ļ	Ц	1	∢ •	~	A DAME	OI O	H			
			≥ < •														Ц		1	1	1	L			Ц	1	1	Н	+	≥ <	7	MOCU	Tayb.	2		L	į
			r m e	1					1	1	1	1	1	1	L		Ц	Ц	4	+	1	1		L	Н	+	+	H	+	u w	\dashv		•			<u>_</u>	P.1 SHOPENO! INT
			7 4 2						1	1	1	1	1	1	L	L		Ц	4	1	1	1	1	L	Н	+	+	H	+	> <	4				1	RECORDER	a Carte
			0 10 (1	L	Ц	Ц		4	1	1	1	+	+	L	L		Н	+	+	+	╀	+	\vdash	H	+	+	Н	+	20	+	1	J	Τ	T	1	-
			z 0 :	1	1		Ц	Н	4	4	+	+	+	+	1	H	H	Н	+	+	+	+	╀	\vdash	H	+	+	Н	+	00		2 5		t	+	H	1
			00.	1	L		Ц	Ц	4	1	4	1	+	1	1	1	L	Ц	4	4	+	+	╀	╀	H	+	+	H	+			≥	1	+	+	+	1
ī	14.0	15	100	j	2										1							1	1	1			1		1	1	_	PRODUCTION RATES	SUST.	-	-		-
	9	PEDS	5 2	1	4																											PROD	SUST.		1		
7		2004			2	1										T																	ATTON		2		
NSCHEL	1		- × >	1	*	1											T																AND LDC	1	See Romorio		
FY96/7 BUDGET PRODUCTION SCHELULE			PROCUREMENT YEAR		Air Vehicle/IASC/FY96	+																											MANUPACTURER'S NAME AND LOCATION Lockhood Aeronouthod Systems Co.	Mortella, Ga.			

	ه د	< +	E R 10 (TBD)			65	Page 2 of 2
1	T	1	S W C		ОШО		P.
			z 0 >		Z0>		
		1	0 U F		00+		
t	1	ļ	оша		ОПО		
		E .	<⊃0		< ⊃ ७		
		3	227		ا دد	11 17	
	282	CALENDAR YR 97	2 Z C		フコZ		
	FISCAL YR 97		5 < >		≥ ∢≻		
	छ	ŀ	4 a a		< 0 Œ	11	
	4	ŀ	∑ ∢ Œ		≥ < Œ		
		1	шм		ппо		
		ļ	7 4 Z		¬ ∢ Z		
			ОШО		ОШО		
			z 0 >		z 0 >		
			00-		001		
7	Н		SПФ		ωшα		
C-1307		CALENDAR YR %	∀⊃ Ø		∢⊃ ७	မ္သ	
0		DAR	227		704	SSOU	
Ä	3 96	ALEN	っつ Z		¬⊃Z	0 N	
ITEM NOMENCLATURE	SCAL YR 96	0	∑ ∢ ≻		≥ < >	N.	
S S	130		< a &		< 0.00	6	
	ū		2 < Œ		≥ < α	υEΤ	
Z Z			r m æ		птпа	0	
E				┞┩╏┩┩┩┩┩┩┩┩	¬∢2	MIN	
7			¬ ∢ Z	<u> </u>		EN TEN	
			0 m 0		ОШО		
<u> </u>			z 0 >		Z 0 >	BEEF	
် လ			COF		001	- ALL	
FY96// BUDGET PRODUCTION SCHEDULE			TEMMANUFACIONEN PROCUREMENT YEAR			REMÁRKS: FUTURE DATES HAVE NOT ALL BEEN DETERMINED DUE TO FUNDING ISSUES	

TTEM NO.

									DATE:		
		ĸ	BUDGET ITEM JUSTIFICATION SHEET	STIFICATION SI	неет				6-Feb-95		
APPROPRIATION/BUDGET ACTIVITY	ET ACTIVITY		ď	P-1 ITEM NOMENCLATURE	CLATURE						
AIRCRAFT PROCUREMENT, AF/BA02, TACTICAL AIRCRAFT	MENT, AF/BA02, TA	CTICAL AIRCRAF	t	∢	STRATEGIC AIRLIFT/NDAA						•
	PRIOR YEARS	FY(PY)94	FY(CY)95	FY(BY1)96	FY(BY2)97	FY(BY2+1)98	FY(BY2)97 FY(BY2+1)98 FY(BY2+2)99	FY(BY2+3)00 FY(BY2+4)01	FY(BY2+4)01	TO COMPLETE	TOTAL
QUANTITY											
COST (in Millions)	0.0	98.00	0.0	184.0	2568.1	2660.5	3919.6	4156.5	4301.3		17790.0
Initial Spares (in M)											
Total (in Millions)	0.0	0.0	0.0	184.0	2568.1	2660.5	3919.6	4156.5	4301.3	*	17790.0
Unit Cost (in M)*										-	

Funding supports acquistion of an existing military or commercial aircraft as determined by the Milestone III Defense Acquisition Board review scheduled for Nov 1995.

FYDP Includes funding for program management administration (PMA) for technical, engineering and acquisition support.

			BUDGET ITEM JUSTIFICATI	STIFICATION SHEET					6-Feb-95	S	
APPROPRIAT URCRAFT PF	APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT (ADVANCE BUY)BAD1, COMBAT AIRCRAFT	ANCE BUTYBA01	COMBAT AIRCRA	H		P-1 ITEM NOMENCLATURE	LATURE				
010 FY96 PF	3010 FY96 PRESIDENT'S BUDGET (PB)	T (PB)				T-3A - ENHANCED FLIGHT SCREENER (EFS)) FLIGHT SCREE	NER (EFS)			
	PRIOR YEARS	FY 94	FY 95	FY 96	FY 97	FY 98	FY99	FY00	FY 01	TO COMPLETE	TOTAL PROGRAM
QUANTITY	80	33	0	0	0	0	0	0	0	0	113
COST	28.7	6.	0.0	0	0	0	0	0	0	0	38.6
INITIAL	0.0	1.6	0.0	0	0	0	0	0	0	0	9.1
TOTAL (MILLIONS)	28.7	11.5	0.0	0	0	0	0	0	0	0	40.2
UNIT COST	40	0.3	0:0	0	0	0	0	0	0	0	

MISSION AND DESCRIPTION:

The T-3A - Enhanced Flight Screener (EFS) is required to provide a uniform Air Force flight screening program. T-3A will ensure AETC ability to select the best qualified candidates for Specialized Undergraduate Pikot Training (SUPT) and reduce the attrition rate in SUPT through comprehensive screening. The T-3A aircraft is Slingsby's M200 Firefly missionized with evionics and a large engine (New designation is the M260). T-3A is a commercial replacement to the single-engine, high wing T-41A and T-41C based at Hondo, TX and the United State Air Force Academy (USAFA). The singst Is certified IAW Federal Aviation Regulation (FAR) part 23 acrobatic standards.

FYCY PROGRAM JUSTIFICATION: NA

FYBy1 PROGRAM JUSTIFICATION: NA

BUDGET IT	BUDGET ITEM JUSTIFICATION SHEET	ION SHEET		(S M)	DATE 6	6 Feb 95					
APPROPRI/	APPROPRIATION/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY	ACTIVITY	1 1		P-1 ITEM NOMENCLATURE	NCLATURE					
AIRCRAF	TROCOREMENT.	and the second			Joint Primary Aircraft Training System (JPATS)/84740F	craft Training Sy	stem (JPATS)/R	4740F			
	PRIOR YRS	FY 94	FY 95	FY 96	FY 97	FY 98	FY 99	FY 00	FY 01	TO COMP	TOTAL
VIIII	6	c	m	8	12	18	18	24	30	264	372
COST	0.0	0.0	92.7	55.0	109.1	132.4	136.9	169.1	222.9	2374.4	3292.5
(Millions)											
INITIAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	277.1	277.1
(Millions)									0000		2020
TOTAL	0.0	0.0	92.7	55.0	109.1	132.4	136.9	169.1	6.777	C.1 CO2	2,000,0
(Millions)							,	-	1.4	007	90
UNIT COST	0	0	30.9	18.3	9.	4.7	9.	<u>.</u>	4.1		0.6
(Millions)											
MISSION A	MISSION AND DESCRIPTION:	÷									
JPATS is p The USAF' underpower	JPATS is planned as a joint USAF/USN venture to replace the Services' fleet of primary trainer aircraft (T-37/T-34 respectively) and associated GBTS. The USAF's T-37 aircraft average over 30 years of age. They have antiquated, increasingly unsupportable and non-representative avionics as well as underpowered and fuel inefficient engines. Cockpits are unpressurized, resulting in the largest number of physiological incidents in the Air Force. The USAF will serve as the Lead or Executive Service.	USAF/USN ver erage over 30) ficient engines.	nture to replace years of age. The Cockpits are un service.	the Services' fle ney have antiqu npressurized, re	ace the Services' fleet of primary trainer aircraft (T-37/T-34 respectively) and associated GBTS. They have antiquated, increasingly unsupportable and non-representative avionics as well as re unpressurized, resulting in the largest number of physiological incidents in the Air Force. The	iner aircraft (T-3) y unsupportable gest number of p	7/T-34 respecti and non-repre chysiological inc	vely) and associ sentative avionic sidents in the Air	ated GBTS. s as well as Force. The		
The Progra	The Program Management Administrative (PMA) initiative costs for the JPATS program are identified separately for FY96 - FY01 on the P-5 exhibit attached.	Administrative ((PMA) initiative	costs for the JP/	ATS program are	e identified separ	rately for FY96	- FY01 on the P	-5 exhibit attach	Эед	
The USAF	The USAF planned quantity is 372, with the first procurement in FY95.	is 372, with the	first procureme	ant in FY95.							
The JPATS	The JPATS program will acquire a non-developmental	quire a non-dev		raft. Missioniza	aircraft. Missionization may occur after contract award	fler contract awa	ard.				
FY95 (CY)	FY95 (CY) PROGRAM JUSTIFICATION: Procure 3 aircraft and associated support. Aircraft are required to begin student training at Randolph AFB, TX.	TIFICATION: F	rocure 3 aircraf	it and associate	d support. Aircre	aft are required t	to begin studen	t training at Ran	dolph AFB, TX.		
FY96 (BY1	FY96 (BY1) PROGRAM JUSTIFICATION: Procure 3	STIFICATION:		off and associate	aircraft and associated support. Aircraft are required to begin student training at Randolph AFB, TX.	raft are required	to begin stude	nt training at Ra	ndolph AFB, TX	J	
								-			
Identificatio	Identification Code: N/A										
Iddituited	AI COUC										S IV TAGE OF G

P5JPAT.XLS

WEAPON SYSTEM COST ANALYSIS	A. Appropriation/Budget	n/Budget	B. Weapon	B. Weapon Model/Series/ Popular	y Popular	C. Manufax	C. Manufacturer Name		D. Date	
EXHIBIT (P-5)	Activity Title/No.	ó	Name	:		Plant City/	Plant City/State location	_	Monuvrear	
	3010		Joint Prima	Joint Primary Aircraft Training	Bining	707			6 Eab 05	
FY96 PRESIDENT'S BUDGET (\$ M)	84740F		System (JPA1S)	AIS)	į	15U 9V4 (EV06)		ž	BY2 (EV97)	3
Weapon System Cost Elements	Ident	PY (FY94)	<u>_</u>	Cr (Fr95)	g 6			ĝ m		12
	Code	Unit Cost	Tot Cost	Unit Cost	Tot. Cost	Unit Cost	Tot Cost		Unit Cost	Tot. Cos
	Y.		0	6 0		0 0	· 0	0,0	. 0	0
3. AVIONICS A. CFE B. GFE				10		0 0	-0	0		0 0
4. ARMAMENT 5. OTHER GFE				00		00	00	00		00
				2 6 6		26	₩	4 9		2000
8. OTHER COSTS 9. Subtotal FLYAWAY COST		0	0	19		- 85	4	42		<u></u>
10. AIRFRAME PGSE 11. ENGINE PGSE			_	000		000	000		000	000
12. AVIONICS PGSE 13. PECULIAR TRAINING EQUIPMENT 14. PUBLICATIONS/TECH. DATA				- 0 -		-4	0-			
15. ECO (Flyaway) 16. OTHER (SEE NOTE 2.8.3) 17. Subtobal SUPPORT COST		0		- 5 5		2 8 2	O 10 4		<u> </u>	1 8 6
18. GROSS P-1 END COST		0		31		93	18	55		9 109
19. LESS: PRIOR YR ADV. PROC			-	0		0	0		0	0
20. NET P-1 FULL FUNDING COST		<u> </u>	-	31		93	18	Ω,	25	9 109
21. Plus Current Year ADV. PROC.			-	0		0	0		-0	0
22. Initial Spares 23. Mods			00	00		00	00		00	0 0
24. TOTAL			0	0 31		93	18	2	55	9 109
NOTES: 1. ENGINE COST INCLUDED IN AIRFRAME COST 2. OTHER INCLUDES AWARD FEE, TEST, SITE ACTIVATION/PRE-OPS PLAN & ICS. 3. Program Management/Administration INITIATIVE TRANSFERS INCLUDED IN OTHEI	D IN AIRFRAME COST TO FEE, TEST, SITE ACTIVATION/PRE-OPS PLAN & ICS. ninistration INITIATIVE TRANSFERS INCLUDED IN OTHER ARE DETAILED IN WHOLE DOLLARS, AS FOLLOWS: FY96=\$30,000;	TION/PRE-OP	S PLAN & IC	SS. Her are de	TAILED IN V	WHOLE DOLL	ARS, AS F	OLLOV	4S: FY96=\$30	,000;
FY97=\$31,000, FY98=\$32,000; FY99=\$33,000; FY00=\$34,000; FY01=\$35,000 THE UNIT AND TOTAL COST WILL NOT MATCH.P-40 EXHIBIT DUE TO THE RI	.000; FY99=\$33,000; FY00=\$34,000; FY01=\$35,000 WILL NOT MATCH P-40 EXHIBIT DUE TO THE REQUIREMENT TO ROUND TO THE NEAREST WHOLE DOLLAR	34,000; FY01=;	\$35,000 THE REQU	JIREMENT T	O ROUND T	O THE NEAR	EST WHOL	E DOL	LAR.	

EXHIBIT P-5

2/21/85 10:54 AM

B. Appropriation/Budget Activity		UGEI			0 160 83					
	Activity		C. P-1 Item Nomenclature Joint Primary Aircraft Training System (.IPATS)	ture raining System	(SIPATS)					
Cost Elements Cost Fiscal Year ar	Contractor and Location	Contract Method & Type	Contracted By	Award Date	ıst	Quantity	Unit Cost	Specs Available Now	Specs REV If Yes, when REQ'D Available	If Yes, wher Available
AIR VEHICLE FY94 N FY95 U FY96 U FY97 U	None Unknown Unknown	NA C/FPO C/FPO	NA AFMC AFMC AFMC	N/A Aug-95 May-96 Feb-97	N/A Jun-98 Dec-98 Mar-99		12 3 3 0 N/A	N/A 14 Yes N/A N/A	A S S S	A A A A A A A A A A A A A A A A A A A

Variations in Unit Cost from FY to FY: There is a significant amount of non-recurring associated with FY95 which decreases in FY96 and FY97.

EXHIBIT P-5A Procurement History and Planning

^{*} FPIF with EPA with Award Fee

5

E HOLION SCHEDULE	S NO	CHFDLIL	u	P.1	ITE	M	ITEM NOMENCLATURE	SC	TURE																		DAIE 8	9	6 Feb 95									i
FY96/7 BUDGET PROLOGING	. H.			Joint	Prime	BLY AL	Joint Primary Aircraft Training System (JPATS)	Train	S Dui	vsten	9	150	70	3		L					T.	FISCAL YR CY 95	LYA	CY 9	5							-	FISCAL YR BY1 96	ΥB	871	g.		_ •
TWO PRESIDENT SECTION	_		ACCEP	BAL				-			3	A .	CALENDAR YR PY (94)	VAR YE	2 PY (9	9							ర	END	AR Y		95)	-	9	-				Y K	- B	<u>@</u> 4	ď	< ⊢
TEMMANUFACTUREN PROCUREMENT YEAR	m = >	PROC	PRIOR TO 1.0CT	AS OF 1 OCT	00+	20>	200	¬ ∢ Z	т ш ю	2 < C	< σ Œ	≥ < >	7 D Z	4 D 0	αше	00-	z 0 >	ошо	¬ < Z	и ш ю	2 < C	< a a	¬ ⊃ Z ≥ < ≻	7 7 7	< ⊃ Ø	о ш о	00-	20>	ОПО	¬ < Z	гшо	∑ < 0C	(a &	> ⊃ Z § < ≻	, D -	() ()	оша	- m cc
	AF				_	-	-	-	-			+	\dagger	+	1	-	I		1	T	1	-	-	H	-	H	_							+	+			
Air Vehicle		0		0 0				_	-			1	+	+	+	1	I	T	+	+	+	+	+	\vdash										-	-	4		0
FY94	-	6			0	-						+	+	+	+	+	I		+	+	+	+	H	H	+	-	_							-	4			9
FY95	-			L	0	-	Н					1	+	+	+	1	\prod			+	+	+	+	+	+	-	-	L	_					Н				0
FY98	+	5		L	0	-	-					1	+	+	+	+	1	I	1	+	1	+	+	+	H	\vdash	-	-	_				_		_			- 1
797	+	2				Н	H	H	\sqcup				+	+	+	+			1		+	+	+	+	+	+	-	-	-									
	-					\dashv	-	4	4			1	+	+	+	+	1		I	1	1	-	\vdash		-	\vdash	_			Ц				\dashv	+	-		
At Mahlolo	Z				-	+	-	+	-		I	1	+	+	+	+	1				T				-								1	+	+	+	1	0
AR VEINCE		0		0	0	-	+	+	+	1	I		+	+	+	+	1													_			1	+	+	+	1	0
200	-	0			0	+	+	+	+	1		T	1	+	+	+	1								_		_		_	4			1	+	+	-	4	_
900	-	0		0	0	+	+	+	4	1			+	+	+	+	1			Γ					-					4			+	+	+	4	1	
130	-	0			0		-	+	-	4			1	+	+	+	1			T		T			-	-		_						+	-	-	-	4
181	-			-	-			-	-	-			1	+	+	+	1			I		1		-		-	-	-	_	_					-	-	4	-
	+	1			-			_					1	+	+	+	+		I	I		1	+	t	t	\vdash	\vdash	\vdash	-	-					_		_	-
	+	-		-	-								1	+	+	+	+		Ţ	I		+	+	t	-	+	\vdash	-	-	_	L				_	_		
	+	-		+	-	-	+	-	-						-	4	+	1		I		+	†	+	+	+	+	+	+	+				<u> </u>	\vdash	-	_	-
	+	1		+	+	1	+	+	-	-				\dashv	-	4	4		1			1	+	†	t	+	+	+	+	+	L	I		+	-	H	-	-
	+	+	-	-	+		+	+	-	L					\dashv		-					1	†	+	\dagger	+	+	+	+	+	-					-		⊢
	+		-	+	+	+	+	+	+	+					H			_				1	1	†	†	+	+	+	+	+	1			t	+	+	-	+
		-		+	+	1	+	+	+	+	-			-	-	-	-						1	1	1	+	+	+	+	+	1			+	+	+	+	+
				+	+	1	+	+	+	+	1			1	-	-	L								1	1	+	+	+	+	1		1	+	+	+	+	+
				+	+	1	+	+	+	+	1		I	+	+	+	-									1	+	+	+	+	4			†	+	+	+	+
				-	+		+	+	+	+	+	1		+	+	+	-	L									-	-	4	4	4			1	+	+	+	+
				-	+	1	+	+	+	+	+	1	I	+	+	+	-	L									-	1	+	-	-			1	+	+	+	+
	-				-	1		+	+	+	+	1	I	+	+	+	+	-		L									-	-	4				+	1	+	+
							1	+		+	+	1	I	1	+	+	+	1		L														1	+	+	-	+
						1	1	+	+	+	+	1		1	+	+	+	-	L		Ĺ									-	-				+	+	+	+
	-				1		1	1	+	+	+	1	I	1	+	+	+	-	-													_				+	+	+
	-						1	+	+	+	+	1	I		+	+	-	-		L									-	4	-	-		1	+	+	+	+
					1		1	+	+	+	+	1		1	+	+	-	-	-										+	-	4	+			+	+	+	+
				+		0	z	+	+-	+	< 0	3	7 =	7 =	< =	S I	z 0	0 3	→ «	ш	∑ <	∢ ₫	≥ <	70	7 0	< >	ω ш	00	zo	~ ○ ⊔	ш ш	∑ ≪	< a	Σ «	7 0	7 3	∀ ⊃ !	
						<u>ں</u> ہ	0 >	n C	< z	0 0	(()	· >	_	_	_	_	$\overline{}$	$\overline{}$	z	8	-	Œ	>	Z	-1	O	-	-	-	_	-	\dashv	Œ	>	-	-	\dashv	
	-			- 1	1	·	٥	1	ł	7	8	EMEN	TLEA	DTIME	177			1	REMARKS	¥2																		
MANUFACTURED'S NAME AND LOCATION	DIOCA	NOLLY	MINIMUM	MINIMUM 1-8-5	2 2	MAX					7	NIN I	ADMIN	7	3		TOTAL			797	• FY97 DELIVERIES REFLECTED ON PAGE 2 OF 3.	VERI	ES A	EFL	ECTE	o a	PAG	3E 2	OF 3									
			SUST	+	1	T	ž			1 2	PRICIE PR	PRIOR	OR O		TIME		100																					
TBO			+	+	1		I			_=	1001		ы						:	FIRS	** FIRST NAVY BUY IN FY00.	VY B	<u>=</u> ∑	7	8													
				+	1			L		IE	TBD			4.7	TBD	-	OB.	T																				
			+	-				RECORDER	RDER		TBD	TBD	اء	6	08	=	TBD	-															PAGE		10 -		3 PAGES	SHS
								P. 1 SI	P.1 SHOPPING LIST	NG LIS	-																									Î	EXHIBIT P 21	P 2
								DE WELL	Ę																												'	7
																			6																			_

P21JPAT2.XLS

ŧ

P21JPAT3 XLS

A S S S S S S S S S S S S S S S S S S S	S	
N	8 X > W W W W W W W W W W W W W W W W W W	CALENDAR VB BV7 (03)
C C C C C C C C C C	2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
N		
No.		
New		
1		
1		
N		
A C C C C C C C C C C C C C C C C C C C		
NOCUREMENT LEADTING PROCUREMENT LEADTING P		
NOCUREMENT LEAD THAT		
NOCUREMENT LEAD TANK		
CON BRANKS ROCUREMENT LEADTING ROCUREMENT LEADTIN		
NCCUREMENT LEADTINE ROCUREMENT LEADTINE ROCUREMEN		
CON BRANKS ROCUREMENT LEADTINE ROCUREMENT LEADTINE		
NOCUREMENT LEAD TANK		
CON PROCUREMENT LEAD TANK		
CON		
CON BRANKS ROCUREMENT LEADTING ROCUREMENT LEADTING ROCUREMENT LEADTING ROCUREMENT LEADTING ROCUREMENT LEADTING		
CON		
CO N B P N C C C RAMARS RC N B P N C C C C C C C C C C C C C C C C C C		
CON B B P V C C E A F F P A C C C E A F F P A C C C C E A F F P A C C C C C C C C C C C C C C C C C C		
CON		
C O E A F M C C O E C A B A A W C C O E A F M C C O E A F M C C O E A F M C C C A B A A C C C A B A A C C C A B A A C C C A B A A C C C A B A A C C C A B A A C C C A B A A C C C A B A A C C C A B A A C C C A B A A C C C A B A A C C C A B A A C C C A B A C C C A C C A C C A C C A C C A C C A C C A C C C A C C C A C C C A C C C C A C C C C C C C C C C C C C C C C C C C C		
C O E A E A B A C O C E A E A C O C C O E A E A C O C C O E A C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C		
C O E A E A P A U U U E C O E A E A P A U U U U E C O R A E A P A U U U U E C O R A E A E A E A E A E A E A E A E A E A		
C O E A E A P A U U U E C O E A E A C A C C O E A E A C A C C O E A E A C A C C O E A C C O E A C C A C C C C C C C C C C C C C C C		
C O E A E A P A U U U E C O E A E A F A C O T O T O T O T O T O T O T O T O T O		
T V C N B R Y N L G P T V C N B R R Y N L R C P T V C N B R R Y N L C N B R R R Y N L C N B R R R Y N L C N R R R R R Y N R R R R R R R R R R R R	A L O N O N A	TO NO
T V C N B R Y N L G P T V C N B R R Y N L R C N B R R Y N L C N B R R Y N N L R C N B R R Y N N N N N N N N N N N N N N N N N	1	0 0
RC PROCUREMENT LEAD TIME REMARKS	2 × × × × × × × × × × × × × × × × × × ×	L G P T V C N B R Y N L
RC PROCUREMENT LEAD TIME	DEMARKS	
	money	
I.E.S MAX HD ADMIN		
SUST. Detail meters to the control of the control o		
100		
THE STATE OF THE S	Г	
TRD TRD		
300		PAGE 3 OF 3 PAGES

SIMULATOR AND INCHIS		NING DEVI	IG DEVICE JUSTIFICATION	ATION		(S M)		DAIE	6 Feb 95	
FY9	FY96 PIRESIDEN	DENIS BUDGEI	ושפו						30	
Appropriation/P-1 Line Item	/P-1 Lin		Weapon S	Weapon System(If Applicable) Equipment Nomencialule	 (elapolido	edulpment	Nomencia	ann	RAZANE RAZANE	
3010/Joint Primary Aircraft	nary Ai		A/A						10	
Training System (JPATS)	n (JPA)						9	1000	Takal *	
0 0	100 //20	17	V 1051 RV1 (96) RV2 (97)	RV2 (97)	BY2+1	BY2+2	BY2+3	BY2+4	lordi	
Fin Man	PIO VIS)			(-	0	4	***	
111	-	_	0	2	5	7	0		3	1
Guantiny		2	ì		000	011	183	35.2	283.8	
Proc	C	0	0.0	0.0	0.0	7:11	2.5	1		
301			3.5	001	47.6	45.2	16.1	1.2	155.6	
RDT&E	o		0.0					6	11380	
200		0	0.0	0.0	0.0	0.0	C)	٧.	0.00	
C&S										

TRAINING SYSTEM DESCRIPTION

curricula, contract logisitic support and aircraft. This project represents the ground based training portion training system using similar hardware with like capabilities. Components of the system include simulators, Training will consist of a single primary phase (JPATS) and a dual advanced phase in either the T-1A or T-38 aircraft. The objective of both the Air Force and the Navy is to jointly acquire an integrated of the system.

• Total equals total of "Prior Yrs" through Completion.

** Quantity consists of 5 for RDT&E and 51 for Procurement.

EXHIBIT P-43 Simulator & Training Device Justification	
Page No.	
P-1 Shopping List Item No.	
P-1 S	

P43AJPALXLS

FY96 PRESIDENT'S BUDGET PE DATE: O'TED YO'TED YOU'TED YOU'TE	ture 84740F	Prior Vents Current Year (95) Budget Year (96) Budget Year (97)	ost Ghy Cost	A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A <t< th=""><th>Item No. Page No. EXHIBIT P-43</th></t<>	Item No. Page No. EXHIBIT P-43
(\$ M) OC Date			Date Throughput		P-1 Shopping List
SIMULATOR AND TRAINING DEVICE JUSTIFICATION (Page 2) Nacional System (If Apolicable) IOC Date		N/A	Training Device Site Delivery Reday for By Type	OFT Various IFT Various CPT Various EGRESS Various EJECT Various TIMS Various	<u>a</u>

fraining Device by Type		Training Device by Type				Weapons	ystem (II A	Weapon System (If Applicable)				
Operational Flight Trainers (OFT) Description/Justification Operational Flight Trainers (OFT) are simulators used to train pilots in operational use of all aircraft controls and instruments and includes	T) are simu	lators use	d to train p	ollots in op	erational	ise of all air	craft cont	rols and Inst	ruments ar	sepnjouj pu		
out-of-window visual scenes.	7	9,000	Current Vegr (05)	(901 (05)	Rudget	Budget Vegr 1 (96)	Budget Y	Budget Year 2 (97)	Cost to Complete	omplete	Total Cost	Cost
Financial Plan	Oty Co	Cost	Off of the second	Cost	Ş Ş	Cost	φ	Cost	Offy	Cost	Qty	Cost
HARDWARE COSTS Device (Hardware) ECO's Nonrecurring	0	0	0	0	0	0	0	0	6	92.824		92.824
GFE Other(Specify)												
Total Hardware Costs		0			10	0		0		100.25		100.25
SUPPORT COSTS												
Special SE Integrated Logistics Supt. Other(Specify)												
Total Support Costs			10		Ю		0		0	0		
Software/Courseware												
TOTAL COSTS			Ic		10		10		Ю	100.25		100.25
				P-1 Shop	P-1 Shopping List Item No.	em No.		Page No.	2	EXHB	EXHIBIT P-43	

Weapon System (if Applicable)	SIMILI ATOR AND TRAINING DEVICE JUSTIFICATION (Page	EVICE JUST	IFICATION	(Page 4)		(\$ M)	FY96 PRES	FY96 PRESIDENT'S BUDGET	DGET			DATE:	6 Feb 95
All the control of	Training Device by Type						Weapon	System (If A	Applicable)				
Caty Complete Total Caty 17 109.028 17 8.722 117.75 117.75 EXHIBIT P-43	Description/Justification Instrument Flight Trainers (IFT)	are simulo	ntors used to	o train pilo	ts in instrum	nent flight	procedure	s including): ground o	perations, ms.	takeoff,		
ANTRE COSIS Other Cost Other	Financial Plan	Prior	Vegrs	Current	/ear (95)	Budget	Year 1 (96)	Budget Y	'ear 2 (97)	Cost to C	complete	Total	Cost
VARE COSTS O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O		QIV	Cost	Qty	Cost	Qty	Cost	-	Cost	QIA	Cost	Qty	Cost
stics Supt. eware O O O O O O O O O O O O	HARDWARE COSTS Device (Hardware) ECO's Nonrecurring GFE										9	71	109.028
0 0 0 1 P-1 Shopping List Item No.	otal Hardware Costs		0		0				0		117.75		117.75
Dege No.	SUPPORT COSTS Special SE												
Page No. P-1 Shopping List Item No.	ntegrated Logistics Supt. Other(Specify) Iotal Support Costs				0		0	10	0		0		0
Page No. P-1 Shoppling List Item No.	Software/Courseware												
Page No. 4	IOIAL COSIS		0		0	I)		0		117.75		117.75
					P-1 Shopp	oing List Ite	em No.		Page No. 4		EXHIBII	r P-43	

α)
1	

P-40 FOR ADVANCE PROCUREMENT	PROCUREMEN		BUDGET ITEM JUSTIFICATION SHEET	ISTIFICATION SHE	ET		DATE	6-Feb-95		
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT/BA 03/TRAINER AIRCRAFT	NUDGET ACTIVITY REMENT/BA 03/TI	Y RAINER AIRCRAÍ	 				P-1 ITEM NOMENCLATURE T-1A TRAINING SYSTEM	CLATURE		
	Prior Yrs	FY94	FY95	FY96	FY97	FY98	FY00	FY01	To Complete	Total
QUANTITY	113	જ	32	0	0	0	0	0	0	180
COST	615	141.0	154.1	4.4	4.5					
(millions) INITIAL SPARES	o	11.9	31.1	42.4	0.4					
(millions) TOTAL	624.0	152.9	185.2	46.8	4.9					
(millions) UNIT COST	5.5	4.4	5.8	0.0	0.0					
(millions)										

MISSION AND DESCRIPTION:

This program is the cornerstone in the Air Force's plan to return to Specialized Undergraduate Pilot Training (SUPT). The program is an integral part of the DOD 1989 The program entered the production phase beginning with the initial contract award (Feb 90). Two of the five AETC bases were completed during FY93 (Reese AFB Trainer Master Plan submitted to Congress in Feb 1989. The T-1A is a Beech 400T aircraft missionized with an avionics suite representative in task management and Randolph AFB). Laughlin AFB was started in Nov 93 and completed in Dec 94 (FY95). All three bases are currently training and graduating students. and function of current and projected operational aircraft. The ground based training system is comprised of courseware, training media, and simulators.

FY95 PROGRAM JUSTIFICATION:

Procurement of the negotiated fifth and final program option for 32 aircraft was completed in Dec 94. This completes the planned 180 aircraft program requirement.

FY96 PROGRAM JUSTIFICATION:

Enhanced training devices are required to support the AETC training system requirements study that identified additional devices to support SUPT.

n Cost Eiements FE CESSORIES	3010/10TTS/84740F	1-1A TRAINING SYSTEM			04.0	DOLIGI AS			_
n System Cost Elements Coames/CFE NE/ACCESSORIES Odel)	-		SYSIEM		MCDONNELL DOUGLAS TRNG SYS, ST LOUIS, MO	LOUIS, MO	6-Feb-95		· - T
n System Cost Elements Coames/CFE NE/ACCESSORIES odel)		OTV: 35	FY95	Qty: 32	FY96	Oth: 0	FY97	Offy: 0	
imes/CFE NE/ACCESSORIES odel)	- E	Tot. Cost	Unit Cost	Tot. Cost	Unit Cost	Tot. Cost	Unit Cost	lot. Cost	_
2. ENGINE/ACCESSORIES (Eng Model) 3. AVIONICS		4 137		132	7				
(Fing Model) 3. AVIONICS						_			
)									
A. Chi									
B. GFE									
4. ARMAMENT 5. OTHER GFE	- 								
6. ECO (All Flyaway Components)					o				
(Tooling)									
(Other)				-					(
(8. OTHER COSTS O Subtatal ELYAWAY COST		137	7	13	38	0	0	0	ე რ
10. AIRFRAME PGSE)
11. ENGINE PGSE									-
12. AVIONICS PGSE	_				7		4		7
PUBLICATIONS/TECH. DATA			- 2		7				
ECO (All Support Items)					-				·
al SUPPORT COST			4 -		16	00	ব ব	00	2 2
18. GROSS P-1 END COST									
19. LESS: PRIOR YR ADV. PROC (Breakout by Prior FY offunding)				···				C	ď
20. NET P.;1 FULL FUNDING COST (Must equal FY amount displayed	4	14	=		25	5	1	D.)
NIT Figure 20 Components) OSIS COSIS OSIS COSIS CONTRACTOR COST INCOMPLEA OSIS CONTRACTOR COST A					_				
21. Plus Current Year ADV, PROC.	_								
22. Initial Spares			12		31		42	.—. 	
MOGS		31	53		85	0	46	0	5

Appropriation/Budget Activity 2010/10/10/10/10/20/20/20/20/20/20/20/20/20/20/20/20/20	BUDGEL	BUDGE! PROCURMENT TISTROT AND LONGING CO			Ç.	6-Feb-95	10				
School Specs Spe	B. Appropriation/I	3udget Activity	<u>.</u>	I Item Nomencion 1-1A Training S	ature						Jev.
MDTS. St Louis MO FPAF AFMC/ASC Dec-94 Jul-95 35 4 YES MDTS; St Louis MO FPAF AFMC/ASC Dec-94 Jul-96 32 4 YES N/A ST Louis MO FPAF AFMC/ASC Dec-94 Jul-96 32 4 YES N/A ST Louis MO FPAF AFMC/ASC Dec-94 Jul-96 32 4 YES N/A ST Louis MO FPAF AFMC/ASC Dec-94 Jul-96 32 4 YES N/A ST Louis MO FPAF AFMC/ASC Dec-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC Dec-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC Dec-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC Dec-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 Jul-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/ASC DEC-94 JUL-96 32 4 YES N/A ST LOUIS MO FPAF AFMC/AS	3010/101113 Cost Elements Fiscal Year	Contractor and Location	Contract Method & Type	Contracted By	Award Date	Date of First Delivery		Cost	Specs Available Now	Specs REV	Available
Osts are included in the air vehicle price on this program.	AIR VEHICLE FY94 FY95	MDTS, St Louis MO MDTS, St Louis MO	FPAF FPAF	AFMC/ASC AFMC/ASC	Dec-93 Dec-94	96-INF	35	4 4	YES	<u> </u>	
	PROPULSION	∀ /z									
1											
į	REMARKS		a sitt an enire enitation							,	
principle for productill format Uniters and Planning	Propulsion Costs										
					S O TIO	Otalia taleto					

No.
AF 10TY 10TY 10TY 10TY 10TY 10TY 10TY 10TY
AF 11 14 14 1 1
14
14 28 36 36 37 38 38 39 39 39 39 39 39 39 39 39 39 39 39 39
14
28 28 3 3 3 3 3 3 3 3 3
31
15
35 32
1
1
411 ACTURE KS NAME AND LYCATION TS [SILOUIS: Missouri) TS [SILOUIS: Missouri
C
O N D J F M J J A S O N D C C C E A E A P A U U U E C O C E A E A P A U U U U E C O C C O E A E A P A U U U U E C O C C O E A E A P A U U U U E C O C C O E A E A P A U U U U E C O O E A E A E A P A U U U U E C O O E A E A E A P A U U U U E C O O E A E A E A P A U U U U E C O O E A E A E A P A U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A E A P A U U U U U E C O O E A E A E A E A E A E A P A U U U U U E C O O E A E A E A E A E A E A E A E A E A
No No No No No No No No
Note
O N D J F M A M J J A S O N D S A F A B A D U U U E C O C E A E A B A D U U U U E C O O C C O E A E A B A D U U U U E C O O C C O E A E A B A D U U U U E C O O C C O E A E A B A D U U U U E C O O C C O C C O C O C C O C O C C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O C O
N
No
O N D J F M A M J J A S O N D C C C E A E A P A U U U U E C O O E A E A P A U U U U E C O O E A E A P A U U U U E C O O E A E A P A U U U U E C O O E A E A E A P A U U U U E C O O E A E A E A P A U U U U E C O O E A E A E A P A U U U U E C O O E A E A E A P A U U U U E C O O E A E A E A P A U U U U E C O O E A E A E A P A U U U U E C O O E A E A E A E A P A U U U U E C O O E A E A E A E A E A P A U U U U E C O O E A E A E A E A E A P A U U U U E C O O E A E A E A E A E A E A E A E A E A
N
O N D J F M A M J J A S O N D D J F M A M J J A S O N C C O E A E A P A U U U U E C O N D J F M A M J J A S O N C C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U U E C O C O E A E A P A U U U U U E C O C O E A E A P A U U U U U E C O C O E A E A P A U U U U U E C O C O E A E A P A U U U U U E C O C O E A E A P A U U U U U E C O C O E A E A P A U U U U U E C O C O E A E A P A U U U U U E C O C O E A E A P A U U U U U E C O C O E A E A P A U U U U U E C O C O E A E A P A U U U U U E C O C O E A E A P A U U U U U E C O C O E A E A E A P A U U U U U E C O C O E A E A E A P A U U U U U E C O C O E A E A E A P A U U U U U E C O C O E A E A E A P A U U U U U E C O C O E A E A E A P A U U U U U E C O C O E A E A E A P A U U U U U E C O C O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O C O E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U U E C O O E A E A E A E A P A U U U U U U E C O O E A E A E A E A E A P A U U U U U U E C O O E A E A E A E A E A P A U U U U U U E C O O E A E A E A E A E A E A E A E A E A
O N D J F M A M J J A S O N D D C C O E A E A P A U U U U E C O C C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U U E C O O E A E A P A U U U U U E C O O E A E A P A U U U U U E C O O E A E A P A U U U U U E C O O E A E A P A U U U U U E C O O E A E A P A U U U U U E C O O E A E A P A U U U U U E C O O E A E A P A U U U U U E C O O E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A P A U U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U U E C O O E A E A E A E A E A P A U U U U U U E C O O E A E A E A E A E A P A U U U U U U E C O O E A E A E A E A E A E A E A E A E A
C
O N D J F M A M J J A S O N D D F M A M J J A S O N D D J F M A M J J A S O N D D J F M A M J J A S O N D D J F M A M J J A S O N D D J F M A M J J A S O N D D J F M A M J J A S O N D D J F M A M J J A S O N D D J F M A M J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D D J F M A M J J J J A S O N D J F M A M J J J J A S O N D J F M A M J J J J A S O N D J F M A M J J J J A S O N D J F M A M J J J J A S O N D J F M J J J J J J J J J J J J J J J J J
O N D J F M A M J J A S O N D C C O E A E A P A U U U E C O N D D J F M B R R Y N L G P T V C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O O E A E A P A U U U U E C O O E A E A P A U U U U U E C O O E A E A P A U U U U U E C O O E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A E A P A U U U U U E C O O E A E A E A E A E A P A U U U U U E C O O E A E A E A E A E A P A U U U U U E C O O E A E A E A E A E A E A E A E A E A
O N D J F M A M J J A S O N D C C C E A E A P A U U U E C O C E A E A P A U U U U E C O C C O E A E A P A U U U U E C O C C O E A E A P A U U U U E C O C O E A E A E A P A U U U U E C O C O E A E A E A P A U U U U E C O C O E A E A E A P A U U U U E C O O E A E A E A P A U U U U E C O O E A E A E A P A U U U U E C O O E A E A E A P A U U U U E C O O E A E A E A E A P A U U U U E C O O E A E A E A E A P A U U U U E C O O E A E A E A E A E A P A U U U U E C O O E A E A E A E A E A E A E A E A E A
O N D J F M A M J J A S O N C C O E A E A P A U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U U E C O C O E A E A P A U U U U U E C O C O E A E A P A U U U U U E C O C O E A P A U U U U U E C O C O E A P A U U U U U E C O C O E A E A P A U U U U U E C O C O E A P A U U U U U E C O C O E A P A U U U U U E C O C O E A P A U U U U U E C O C O E A P A U U U U U E C O C O E A P A U U U U U E C O C O E A P A U U U U U E C O C O E A P A U U U U U E C O C O E A P A U U U U U E C O C O E A P A U U U U U E C O C O E A P A U U U U U E C O C O E A P A U U U U U E C O C O E A P A U U U U U U E C O C O E A P A U U U U U U E C O C O E A P A U U U U U U E C O C O E A P A U U U U U U U E C O O E A P A U U U U U U E C O O E A P A U U U U U U U E C O O E A P A U U U U U U U E C O O E A P A U U U U U U U U U U U U U U U U U
O N D J F M A M J J A S O N C C O E A E A P A U U U E C O N D D J F M A M J J A S O N C C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O C O E A E A P A U U U U E C O O E A E A P A U U U U E C O O E A E A P A U U U U E C O O E A E A P A U U U U E C O O E A E A P A U U U U E C O O E A E A P A U U U U E C O O E A E A P A U U U U E C O O E A E A P A U U U U E C O O E A E A P A U U U U E C O O E A E A P A U U U U U E C O O E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A P A U U U U U E C O O E A E A E A E A E A P A U U U U U E C O O E A E A E A E A E A E A E A P A U U U U U E C O O E A E A E A E A E A E A E A E A E A
O N D J F M A M J J A S O N D C C O E A E A P A U U U U E C O C C O E A E A P A U U U U E C O C O C O C O C O C O C O C O C O C
O N D J F M A M J J A S O N D C C C E A E A P A U U U E C O C E A E A E A D A U U U E C O C C C C C C C C C C C C C C C C C
O N D J F M A M J J A S O N C C C C C C C C C C C C C C C C C C
O N D J F M A M J J A S O N D C C O E A E A P A U U U E C O N D D J F M A M J J A S O N D D J F M A M J J J A S O N D D J F M B R Y N L G P T I V C O E A E A P A U U U U E C O D E A E A P A U U U U E C O D E A E A P A U U U U E C O D E A E A P A U U U U E C O D E A E A P A U U U U E C O D E A E A P A U U U U E C O D E A E A P A U U U U E C O D E A E A P A U U U U E C O D E A E A P A U U U U E C O D E A E A E A P A U U U U E C O D E A E A E A P A U U U U E C O D E A E A E A P A U U U U E C O D E A E A E A P A U U U U E C O D E A E A E A E A P A U U U U E C O D E A E A E A E A P A U U U U E C O D E A E A E A E A P A U U U U E C O D E A E A E A E A E A E A E A E A E A E
O N D J F M A M J J A S O N D C C O E A E A P A U U U E C O N D D J F M A M J J A S O N C C O E A E A P A U U U U E C O D E C O D E A E A P A U U U U E C O D E C O D E C O D E C O D E A E A P A U U U U E C O D E C O D E C O D E A E A P A U U U U E C O D E C O D E C O D E A E A P A U U U U E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E C O D E
O N D J F M A M J J A S O N D C C O E A E A P A U U U E C O P T V C N B R R V N L G P T V C O P T V C N B R R V N L G P T V C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C O C C C O C C C O C C C O C C C O C C C O C C O C C C O C C C O C C C O C C C C O C C C C O C C C C C C C C C O C C C C C C C C C C C C C C C C C C C C
O N D J F M A M J J A S O N C O E A E A P A N L G P T V C O N B R R Y N L G P T V C O N B R R R Y N L G P T V C O N RINIMUM 1-8-5 MAX H1)
O N D J F M A M J J A S O N D D D D D D D D D D D D D D D D D D
C C C C C C C C C C
T V C N B R R Y N L G P T V C N R R R Y N L G P T V V C N R R R R Y N L G P T V V C N R R R R R R R R R R R R R R R R R R
PRODUCTION RATES RC
PRODUCTION RATES RC
NINIMUM 1-8-5 MAX HD
SUST. D+ LEAD TIME MFG AFTER
10CT
1 OCT 1 OC
3 18 21
3 3 3 18 21
17 9

The control of the	ANUFACTUREN REMENT YEAR NEAMENT YEAR NEAM		r m œ	A A C C CALENDAR A C C C C C C C C C C C C C C C C C C	X BY 2 Ω □ Ω □ Ω □ Ω □ Ω □ Ω □ Ω □ Ω □ Ω □ Ω			Σ < α	A A M A L L L L L L L L L L L L L L L L	88 A A A A A A A A A A A A A A A A A A	
A	PROC. PRIOR DUE OTY TO ASOF O N D J F M A M 1 OCT OCT C O E A B R P A M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20>	т m ф	Z C C C C C C C C C C C C C C C C C C C	X × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 ×		▗ ┡ ╶ ┈ ╒ ╫╫	Σ < α	Σ « »	RBY43(9)	
1	AND ALTER RECORD TO	2 O >	Σ < α	7	« ⊃ Φ	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Σ < α	Σ<>	754	
14 1 1 1 1 1 1 1 1 1	AF 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										
14 14 14 14 14 14 14 14	14 14 14 14 14 14 14 14 14 14 14 14 14 1										
25	14 14 28 28 34 34 35 35 35 35 30 3 3 3 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										
38 38 38 38 38 39 39 39	28 28 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35										
25 36 36 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	34 34 36 36 37 36 38 36 39 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3										
35	36 36 36 36 37 3 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5										
25 8 24 3 3 3 2 2 2 2 8 8 24 3 3 3 5 2 2 2 8 8 24 3 3 3 2 2 2 2 8 8 24 3 3 3 2 2 2 2 8 8 24 3 3 3 2 2 2 2 8 8 24 3 3 3 2 2 2 2 8 8 24 3 3 3 2 2 2 2 8 8 24 3 2 2 2 2 8 8 24 3 2 2 2 2 8 8 24 3 2 2 2 2 8 8 24 3 2 2 2 2 8 8 24 3 2 2 2 2 8 8 24 3 2 2 2 2 8 8 24 3 2 2 2 2 8 8 24 3 2 2 2 2 8 8 2 4 3 2 2 2 2 8 8 2 4 3 2 2 2 2 8 8 2 4 3 2 2 2 2 8 8 2 4 3 2 2 2 2 8 8 2 4 3 2 2 2 2 8 8 2 4 3 2 2 2 2 8 8 2 4 3 2 2 2 2 8 8 2 4 3 2 2 2 2 8 8 2 4 3 2 2 2 2 8 8 2 4 3 2 2 2 2 8 8 2 4 3 2 2 2 2 8 8 2 4 3 2 2 2 2 8 8 2 4 3 2 2 2 2 2 8 8 2 4 3 2 2 2 2 2 8 8 2 4 3 2 2 2 2 2 8 8 2 4 3 2 2 2 2 2 8 8 2 4 3 2 2 2 2 2 8 8 2 4 3 2 2 2 2 2 8 8 2 4 3 2 2 2 2 2 8 8 2 4 3 2 2 2 2 2 8 8 2 4 3 2 2 2 2 2 8 8 2 4 3 2 2 2 2 2 8 2 2 2 2 2 2 8 2 2 2 2 2 2	35 35 3 3 3 5 5 5 6 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9										
SELOUIS MINSOUR) 19 19 19 19 19 19 19 1	32 8 24 3 3 3 3 2 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										
1											
STILULING MISSORI) 1											
Features Same and Location Signature											
DLOCATION PRODUCTION RATES RC											
востительный выдыт в выдыты выдыты в выдыт											
DLOCATION MINIMUM 14-5 MAX HI MAX HI MAX											
DLOCATION PRODUCTION A											
DLCCATION PRODUCTION IAMES NC N D J F M A M J A S O N D J F M A M J A S O N D J F M A M J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J A S A M J J A S A A A J A A J A A A											Ш
DLOCATION PRODUCTION RATES RC						-					
DLOCATION INTERFERENCE FROM PATE 1 TOTAL STORY IN STORY IN SPACE 2 OF EACH PATE 1 TOTAL SUSTED CONTINUES IN TOTAL SUSTED C						_		-			
DLUCCATION RATES PRODUCTION RATES RC											-
DLOCATION PRODUCTION BATES PROPERTIES											
DLOCATION RATES PRODUCTION RATES NC N N N N N N N N										_	
PRODUCTION RATES NO N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J D J F M A M J J A D J D J F M A M J J A D J D J F M A M J J A D J D J F M A M J J A D J D J F M A J J A D J D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D J T A D T			+	_		-	-				
DLCCATION SUST. PRODUCTION RATES C C C C C C C C C				-	1	+	1			-	
C			+			1	1	1		+	1
PRODUCATION PATER PROPERTY LEAD TIME TOTAL PROPERTY PR						1	+			+	1
DLOCATION RATES C											1
DLOCATION RATES RC											
C											
DLOCATION RATES Production rate applies to this specific contract. This is only a part of the shared commercial in the contract. This is only a part of the shared commercial in the contract. This is only a part of the shared commercial in the contract. This is only a part of the shared commercial in the contract. This is only a part of the shared commercial in the contract. This is only a part of the shared commercial in the contract. This is only a part of the shared commercial in the contract. This is only a part of the shared commercial in the contract in the contract. This is only a part of the shared commercial in the contract in the cont											
C O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J F M A M J J A D J D D J F M A M J J A D J D D J F M A M J J D D D D D D D D											
C				-		-					
C			+			+	-				
C											
C O C C C C C C C C		3	2	2	┿	c	9	ц	Σ	7	-
C O E A E A P A U U U U C E A R P A U U U U C E A R P A U U U U C E A R P A U U U U C E A R P A U U U U C E A R P A U U U U C E A R P A U U U U C E A R P A U U U U C E A R P A U U U U C E A R P A U U U U U C E A R P A U U U U U C E A R P A U U U U U C E A R P A U U U U U C E A R P A U U U U U C E A R P A U U C I I I I I I I I I I I I I I I I I	X : X : X : X : X : X : X : X : X : X :	2 (E «			0	ш	. ц	«	>	_
PRODUCTION RATES V C N B N C PROCUREMENT LEAD TIME PRODUCTION RATES PROCUREMENT LEAD TIME TOTAL PRIOR PAGE 2 OF	A 2 C C C C C C C C C C C C C C C C C C) >	0 00) Z		-	ı o	8	>		
PRODUCTION RATES MINIMUM 1-8-5 MAX HD ADMIN SUST. 3 6 6 6 6 7	N O N O N O N										
DLOCATION MINIMUM 1-8-5 MAX HD SUST. SUST. SUST. SUST. SUST. SUST. ADMIN MFG AFTER TIME 1 OCT 1	PRODUCTION RATES RC	T									
3.5 6 6 6 1 OCT 1 OCT 1 OCT 2 1 OCT 3 2 1 1 S 21 PAGE 2 1 OFT 2	MINIMUM 1-8-5 MAX HID	AFTER									
NIT OCT	PRIOR PRIOR	1001	production rate	applies to this s	specific oc	Intract. 1	This is only	y a part of t	the shared (commercial	Ele Ele
3 '' 18 21 PAGE 2 OF	1001										
3 4: 18 21 PAGE 2 OF											
PAGE 2 ()F	3	21								1	
	101.00								PAGE		2 PAG

	quipment Nomenc			
Prior Years FY 8 75 6 10 10 S SYSTEM DESCRIPTION Granker-Transport) Trainin Rased Training System (Grandagement for training entals, low-level navigatic	-	Slature		PE 84741F/84740F
8 6 75 6 10 3 SYSTEM DESCRIPTION Based Training System (Gmanagement for training entals, low-level navigatic		FY00	FY01	Total
5 SYSTEM DESCRIPTION CANKER-Transport) Trainin Based Training System (G management for training entals, low-level navigatic				> c
Indestriction of the following system bescription -1A (Tanker-Transport) Training and Based Training System (Gent management for training amentals, low-level navigations)				00
10 ING SYSTEM DESCRIPTION -1A (Tanker-Transport) Trainin and Based Training System (Gent management for training amentals, low-level navigatif				0 6
LING SYSTEM DESCRIPTION -1A (Tanker-Transport) Trainin and Based Training System (Gent management for training amentals, low-level navigatic	13 13	13	14	66
ſ	ent Specialized Un stible simulators, m coordination, asym :ell formation.	ndergradua rock-ups, cc nmetric thru	ite Pilot Trc Surseware ist situatior	uining. The , syllabus, and ns, airdrop
ping List Page No.	Page No. EXHIBIT P-43		off Coffor	
Item No.	simulator & Italining Device Justification	J Device Ju		

A CONTRACTOR AND A CONT	いいいいいい				-				- NA/AIN/AIN			
Appropriation/ 3010 Weapon System (If Apr P-1 Line Item	3010	Weapon Sy:	3010 Weapon System (If Applicable)	IOC Date	Equipment Nomenclature	rture		۲ ۲	04/411/04/40		9	
		1-1A Training System	3 System	Jan-v3	Drior Veore	and.	Current Year	Year	Budget Year 1		Budget Year2	2
Training Device	Ste	Date	Ready for Training Date	Average student		Cost	ğ	Cost	O ¥S	-	È	Cost
SIMULATOR	Various	Various 8/92-7/96	FY97	996	&	75	-	7				
Enhance Img Dev	Various TBD	TBD	TBD							4		
			P-1 Shopping Ust	ing Ust	Item No.		Page No. 2	. 2	EXHIBIT P-43			

Simulation And Iranimas Device Sosiii Commenter Simulation Device by Type	200					Alogopop C	of Ill D	(aldocilor)				
						Wedpoil 5	yalelli (ii)	Wedpoil system (iii / ppiicaere)				
I-1A Iraining System												
Description/Justification The T-1A Ground Based Training System Includes procuring and depioying the courseware and training media	System	Includes pi	rocuring ai	nd deployir	ng the cou	Jrseware a	nd training	g media				
(Including 9 simulators) to support Specialized Undergraduale Filor main in 1975	ort Speci	alized und	Gurren	+ Vaor	Budget Year 1	Year 1	Budge	Budget Year 2	Cost to C	Cost to Complete	Total	Total Cost
Financial Plan	Olty Oth	Prior years	COS COS	Cost	Othy	Cost	Qty	Cost	Qfy	Cost	Qfy	Cost
HARDWARE COSTS Device (Hardware)	8	75	-	7								4 4
Nonrecurring GFE Other(Enhanced Img Dev)						4		7				
Total Hardware Costs		75		7		4		2		0		98
SUPPORT COSTS												, .
Special SE Integrated Logistics Supt. Other(Specify)												
Total Support Costs		0		0		0		0		0		0
Software/Courseware												
TOTAL COSTS		75		7		4		2	$\overline{}$	0	5	86
				P-1 Shopp	P-1 Shopping List Item No.	m No.		Page No	ر. م	EXHI	EXHIBII P-43	

	BUDGET ITEM JUSTIFICATION SHEET	DATE: 8-Feb-95
APPROPRIATION/BUDGET ACTIVITY	P-1 ITEM NOMENCLATURE	
AIRCRAFT PROCUREMENT, AF/BA04	DRUG INTERDICTION	

	FY(PY)93	FY(PY)93 FY(PY)94	FY(CY)95	FY(CY)95 FY(BY1)96	FY(BY2)97	FY(BY2+1)98	FY(BY2+2)99	FY(BY2+3)00	FY(BY2+4)01	FY(BY2)97 FY(BY2+1)98 FY(BY2+2)99 FY(BY2+3)00 FY(BY2+4)01 TO COMPLETE	TOTAL
QUANTITY											
COST (in Millions)	35.0	3.0									
(tial Spares (in M)											
Total (in Millions)	35.0	3.0									
Unit Cost (in M)*											

MISSION AND DESCRIPTION:

Provides funds to acquire and modify aircraft to support CINCSOUTH "tracker" aircraft.

P-1 Shopping List Item No. 16

P-40 FOR NET P-1 COST	F								14.40		
		<u></u>	BUDGET ITEM 3	BUDGET ITEM JUSTIFICATION SHEET	SHEET				0-Feb-95		
APPROPRIATION/BUDGET ACTIVITY	ET ACTIVITY			P-1 ITEM NOMENCLATURE	NCLATURE						
AIRCRAFT PROCUREMENT, AF/BA04, OTHER AIRCRAFT	MENT, AF/BA04, C	THER AIRCRAFT	-		Joint STARS						
	PRIOR YFARS	FYIPY194	FY(CY)95	FY(BY1)96		FY(BY2+1)98	FY(BY2+2)99	FY(BY2+3)00	FY(BY2+4)01	FY(BY2)97 FY(BY2+1)98 FY(BY2+2)99 FY(BY2+3)00 FY(BY2+4)01 TO COMPLETE	TOTAL
QUANTITY	2				2	2	2	2	ю	0	19.0
(accillist all Tage	899 4	555.2	654.7	491.8	506.3	473.2	465.4	440.3	408.8	70.9	4766.0
COST (RE MINIORS)	59 B		33.0	64.5	79.6	80.8	71.3	73.5	75.7	0.0	541.7
Initial Spares (Iti M)	0.00									1	1 10 10

1973.0

70.9

175.0

513.8

536.7

554.0

215.0

214.0

240.0

217.0

759.2 267.0

Initial Spares (in M)

Total (in Millions)

Unit Cost (in M)*

556.3 218.0

MISSION AND DESCRIPTION:

radar techniques. Joint STARS integrates the accurate attack of enemy forces by providing position updates and precise enemy wide area surveillance information to understand enemy force buildups and scheme-of-maneuver, in order to apply effective and attack targeting against first and second echelon armor. JSTARS provides a 2-5 day advanced look at enemy second echelon real-time detection, tracking and attack of enemy ground moving targets, using moving target indicator and synthetic aperture intentions and manage primary segments (airborne and ground). Joint STARS is unique because it is a closed-loop system for timely maneuver of forces, battlefield management, and targeting of artillery and rockets. There is no other system planned identifies, and tracks enemy armor and vehicular traffic and provides their locations to AF and Army Commanders to assess The Joint Surveillance Target Attack Radar System (Joint STARS) is a Joint Army and AF Program, with the AF as the lead service. The Joint STARS system provides real-time surveillance of the battlefield and rear echelons. The system detects, missiles against moving ground targets in real-time, compared with current interdiction missions which are performed on a to provide real-time wide area surveillance of the Corps battlefield, closed-loop target detection and tracking and real-time location in real-time to direct attack aircraft, friendly artillery and standoff missiles. The Army Corps Commander requires target detection, tracking and real-time targeting permits the direction of direct attack aircraft, artillery, and standoff preplanned basis.

WEAPON STSIEM COST ANALTS SE	A. Appropriation/budget Activity Title/No. AIRCRAFT PROCUREMENT AF/BAO4/OTHER AIRCRAFT		Joint STARS		Grumman Aerospace Corporation Melbourne Systems Division Melbourne, FL	poration	6-Feb-95	
				VI.O.		YTD		QTY
	FY94	2	FY95	2	FY96	2	FY97	2
			:	Tabat	Tlair.	Total	Unit	Total
	Unit	Total	Cost	Cont		Cost	Cost	Cost
	Cost	100				000	8 3 9	191.1
	108.0	212.0	127.7	255.3		203.3		188.3
1. AIRFRAME	70.4	140.8	74.3	148.5				5.4
2. AVIONICS: CPE	3.2	6.3	3.5	4.8	8.7			0.0
	0.0	0.0	0.0	0.0				0.0
3. ARMAMENT	0.0	0.0	0.0	0.0		o (0		1.8
4. OTHER GFE	10.4	20.8	0.0	0.0		7	7.4	0.0
5. ECO (ALL PLIAMA) COM	0.0	0.0	0.0	1 0.0		81.2		62.5
1 OTHER COSTS	27.4	54.7	35.6	5.17				
;		434 5	240.8	481.5	218.3	436.8	8 214.8	429.1
8. FLYAWAY COSTS	7:717							
9 AIRERAME PGSE								
10. ENGINE PGSE		60		7.3		13.4	4	8 6
11. AVIONICS PGSE		5.9		42.5		28.2	7 .	0.67
12. PECULIAR TRAINING EQUIPMENT		50.7		3.7		67	o.	
14. ECO (ALL SUPPORT ITEMS)		0		36.2		34	34.7	41.3
15. OTHER						0	7 00	88.2
1. SUIPPORT COST		65.5		88.6		8		
	0	500.0	240.8	1.173	218.3	536.3	.3 214.5	515.3
17. GROSS P-1 COST	7.7.7	-78.3		-123.7		-141.7		205.7
18. LESS: PRIOR YR ADV. PROC.	217.2	421.7	240.8	437.5	5 218.3	394.6	6.4.3	
19. NET P-1 COST				9 8 8 6		6	97.1	111.1
20. PLUS: CURRENT YR ADV. PROC.		133.6		33.0		ě	64.5	79.8
21, PLUS: INITIAL SPARES								
ZZ. PLUS: MODIFICATION CO.				9 7 99	218.3	558.3	3.3 214.5	585.9
23. TOTAL	217.2	558.7	740.0	100				

EXHIBIT P-5

P-5A EXHIBIT

UNCLASSIFIED

P-1 Shopping List

							_			
B. APPROPRIATION/BUDGET ACTIVITY	DGET ACTIVITY			C. P-1 ITEM NOMENCLATURE	OMENCLATURE					
AIRCRAFT PROCUF	AIRCRAFT PROCUREMENT,AF/BA04/OTHER AIRCRAFT				Joint STARS					
COST ELEMENT/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD	DATE OF FIRST DELIVERY	αтγ	UNIT	SPECS AVAIL NOW	SPEC REVIS REQ'D	IF YES, WHEN AVAIL
AIRFRAME										
FY94	GRUMMAN/MELBOURNE, FL	SSM-4/FP	ESC/JS-5	JUL 94	FY96 FY97	22	217.2	YES	YES	ONGOING
FY95	GRUMMAN/MELBOURNE, FL	SSM-4/FP	ESC/JS-5	96 NOC	FY98	2	218.3	YES	YES	ONGOING
FY96 FY97	GRUMMAN/MELBOURNE, FL	SS/FP	ESC/JS-5	76 NUC	FY99	7	214.5	YES	YES	ONGOING
SUPPORT										
200	GRUMMAN/MEI BOUBNE. FL	SSM-4/FP	ESC/JS-5	Nov-93		A/N	A/N	YES	YES	ONGOING
2674	GRUMMAN/MELBOURNE, FL	SSM-4/FP	ESC/3S-5	Nov-94	*	A/N	ď Z	YES	YES	ONGOING
FY96	GRUMMAN/MELBOURNE, FL	SS/FP	ESC/JS-E	Nov-95	W 1	٧ : 2 :	۷ : 2 :	YES	YES	ONGOING
FY97	GRUMMAN/MELBOURNE, FL	SS/FP	ESC/JS-5	Nov-96	w	۷ /2	۷ ک	Y ES	2	DAIGOING
							7			

NOTE: FIRST 8 AIRCRAFT WILL BE ON A LOW RATE INITIAL PRODUCTION (LRIP) CONTRACT.

FY95 Unit Costs include P8 rewiring which must be done to correct non-standard configuration wiring.

^{*} Support Cost consist of items such as PSE, CSE, Training. Date of first delivery will be lead time to support A/C delivery schedule

P-6: Acquisition Logistics and Operations & Support Funding for Selected Weapon Systems

FY01

FY00

FY 99

FY98

FY97

FY96

FY95

FY94

FY93

PHO

As Of: 6 Feb 1995

Cumulative Operating Inventory					,					
					3	2	2	2	3	2
No. Operating Units OPTEMPO Flying hours or Miles/Month):					1410	4230	6486	8742	10716	12126
Readiness Objective: Sortie Generation Rate (S)					02,03,04	01,04	02,04	02,04	02,04	02,04
FCA/PCA Audit Dates					May	1				
First Unit Equipped Date: 10C			Ì		1	March				
Intermediate Level Stand-up Date: N/A		1			Jan					
Depot Level Stand-up Date: (Combination of organic/ICS; H/W-ICS ends 98;S/W-ICS ends 00)										
B. Armietium oristics Resources				000	2 7 3	70.6	8 08	71.3	73.5	75.7
bi Audumnes Stock & Non Stock fund)	11.9	47.9	3.5	33.0	04.0	19.0	00.00	2:	25	
War Reserve Spares (WRSK) INCL W/SPARES	1				5.8	5.9	6.1	6.3		
A/C RSP Nonstock fund				1.6	6.6	14.2	18.1	19.4	14.4	6.5
PME RSP (Stock fund)			2.0	6.3	39.1	55.9	56.5	52.1	64.6	67.3
Stock Fund		1.6	2.0	1.4	10.0	10.6	3.2	2.2	2.4	
Organizational Level CSE (Floculations)								- -		
organizational Level 1 3L. Daveloment			1.8	0.5	6		10	10	0.0	0.3
		5.3			0.3	4.0		2	7.0	3
	N/A									
	N/A					1				
Depot Level Support Equipment/Support Services										
Computer Resource Support (UMSC, MSST, 1987, 1989, 1989)		-	0.0		24.7	64.1	36.0			
Development		9.0			14.0	40.4	11.9	13.3	6.8	
Trocurement					•	-				
Procurement					0.	7.				
CSE					13	2.6	9.0	0.7		
Procurement										
Technical Data/Manuals	2	8	3.7	2.3	2.3	1.7	1.8			
Development (JMIS Development)	25	39.7	44.6		2	6.0	4.4	4.5	5.6	3.4
Procurement (JMIS, JMIS Data, Depot 10 opp.)										
Training Services & Iraining Equipment (Clew & Wallet) Mission Crew Training Capability (MCTC)										
Davalopment		-	45.6	24.5	21.9	31.7	70.1			
Procurement		9.0				7.07				
Maint Trainers/IVD		60	40	88	4.1	5.5				
Development		7.0	2	6.5						
Procurement										
Flight Crew Trainers	0.0	0.1	5.6	2.9	1.9	0.3				
Development	310									
Type I Training	400	0.7	40	8	0.7					
Development		3								
MILCON	V/N									
ICS .				34.2	8.9	13.9	15.1	16.2	9.6	
Hardware (Procurement) C: Operating and Support										5
Manpower (Numbers and Dollars)								-	\mathbf{L}	\perp
Military		147/\$9.1	176/\$13.5	329/\$25.9	9 338/\$27.4	_	_	3 485/\$43.0	485/\$44.3	
Officer			1 10010 t	4701440	0 0041907 0 C47749 0 20419C1	706/4/00	117/4/10	11360/4520	1 SEO/OSCI	
		68/87	130/54.0	4/0/4	0.374/140/0	130/443.0		1 303/406.0	0.404/6001	1000/400

P-6: Acquisition Logistics and Operations & Support Funding for Selected Weapon Systems

As Of: 6 Feb 1995	Prior	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01
					6.1	5.4	7.8	10.8	17.6	7.97
enu										
(c)	NOT ESTIMATE	TED SEPERATEL)	IELY							
Replenishment Spares (Consumables/Neparlables/							_			
			-							
			0.3	4.4	10.3	16.4	20.9	26.7	31.2	35.0
Denot Maintenance (A/C CLS)			2						000	
Dopor management of the second					20	20		7)	0.4	7.0
Sustaining Engineering Support (CONTRACTED SPT)										
laterian Logistics Support (CS)	1	_								

FY94/95 BUDGET PRODUCTION SCHEDULE	SCHEDU				P-1 ITE	P-1 ITEM NOMENCLATURE: Joint STARS	MENCI	ATUR.	:: Jo:	nt ST/	\RS									DATE		6 Feb 1995	1995													
		-	-				FISC	FISCAL YEAR 95	AR 95		1	UNCLASSIFIED		-			FISCAL YEAR 96	L YEA	R 96					\vdash			FISC	FISCAL YEAR 97	EAR 9	7					_	
Comment of the second of the second of	v	¥	ACCEP	BAL			L	ا	ALEN	DARY	CALENDAR YEAR 95	9				П		Ö	LEND	CALENDAR YEAR	EAR 9	96	1	-					CALE	MOA	CALENDAR YEAR 97	197	-	1	<	
Item/Manuscurer	ш «	PROC PF				Z O	> ∢	п п	< a	Σ ∢	7 5		« ⊃	00	zo	Δш	<u>и</u> ш і	Σ ∢ (< a	Σ ∢ :	ר כ ר	70.	N D C	001	Z 0 3	0 w C	7 4 2	u w o	2 < 0	< a a	7 7 2 2 4 2	<u> </u>	∢ ⊃ 0	o w a	- w a	
PE: 27681F BPAC:	>	-	1 001	1 001	>		z				z	1			>	T					z			7		١,	1 1						,			
JSTARS/GRUMMAN						H	1		H	\dashv			+	+				+	+	_			+	+	+	+			1	+	+	+	+			
FY93	¥.	2		2		++	++		++	++	\prod		+	++-			11	-	++	-	П		+	++-	-	-	Ш					\vdash	H			
FY94	¥.	7		2		+	++		++	+-			++	+	1			H	\vdash	11				-	-	-						-		Ш		1 1
FY95	A.F.	2	\parallel	2		++	-		++	++-			H	++	-				H	4			H	H	H							4-1	-	Ш		
FY96	Ā	2		2		H	1		+	+			H	+					H					+	+		Ш				+	+	+	Ш		N
FY97	Ā	2	H	2		++	+		+	+			+	+	-				+	-			+		+	+						+		\perp		2
FY98	AF.	2	$\dagger \dagger$	9		+	++	\prod	++-	++-	-			++				Н	Н						$\left \cdot \right $	H					+	H				12
FY99	ĄŁ	2	\parallel	2			H		+	+				+	-				+	+				+	+	+	+				+	+	_	\perp		N
FY00	AF.	2	\parallel	2		${\rm H}$	H	П	$\dagger \dagger$	++-	-		+	+	+					\vdash				\top	\vdash	\vdash							-			2
FY01	¥.	6	+	6			++		H	++-					-			\vdash	Н	Н	Ш					+					\forall	\dashv	\dashv	\dashv		6
TOTAL		19									1																									1
					0 U F	Z 0 >	¬ ∢ Z	<u>п п в</u>	2 < 2	Z < >	7 2 Z	7 2 4	« ⊃ σ	o n =	z o >	<u>а ш о</u>	¬ ∢ Z	и m w	< a ∝	∑ < ≻	7 D Z	, <u>, ,</u>	< ⊃ ©	N II O	2 0 > 0 U F	υшυ	-, ∢ Z	<u> </u>	Σ ∢ α	< a. c.	5 4 >	7 D Z	∢ ⊃ ७	л ш а		
	1000	STAG HOTOHOUS	4.150		E				PROC	UREM	PROCUREMENT LEAD TIMES	T QV	MES									F 02	REMARKS NO LONG LEAD TIME INCLUDED (See P.10 for Long Lead Time)	S	TIME	NC.	UDED	See	P-10	for Lo	ang Le	ad Tin	(eu			
MANUFACIUMEN S NAME AND LOCATION	MIN	N 1	1-8-5	MAX	¥ å						PRIOR	MIN	ADMIN LEAD TIME	D TIME AFTER		MFG			F <	TOTAL		9.	P.5 and P.6 of Lot III slipped 5 months each - P.5 dus to alroset's window	o of	Lot #	edippe	E .	onthe	each :	. P.6	due t	o mirca	1	windo	3	
Grumman Melbourne Syst Div		1	1			,		1			-	1 OCT	-	1 001	+	TIME	ш	\top		100		fren Wiris	frame replacements and P-5 due to rewring correcting non-standard writing configuration. These slips will not impact IOC and have been	figure	ents a	These	S due	to rev	Mrthg tot im	pect	oting r	d have	enderd e beer			
PO Box 9650		-	1	0		0	RE	REORDER		Н	2			10	H	8	30 MOS	П	l e	36 MOS	8	ing	integrated with the user's adjusted manpower, training & flying schedules	with	the u	. 8	diuste	E De	Modu	er, tre	guina	flyin	g sch	edule		

FY94/96 BUDGET PRODUCTION SCHEDULE	SCHEDULE			2-1 ITEM I	P-1 ITEM NOMENCLATURE: Joint STARS UNCLASSIFIED	: Joint ST	UNCLASSI	FIED				DATE:		6 Feb 1995										
								-		FISCAL	FISCAL VEAR 99	6			_		FIS	FISCAL YEAR 00	EAR OC					7
					FISCAL YEAR 98	CALENDAR YEAR	EAR 98				CALE	CALENDAR YEAR	1R 99				-		3	DAR	/EAR	8	Г	
Item/Manufacturer/	E PROC PRIC N QTY TO	d a	4 5	Z 0 >	D W C	Z < >	7 2 4	S m d .	Z 0 >	_ u u u	Σ ∢ α	7 7 Z	7 7 7	< ⊃ ©	001	z o >	¬ ∢ Z	ட ய க	Σ < α	≥ ∢ ≻	7 5 Z	7 2 4	< ⊃ ©	- ш «
JSTARS/GRUMMAN						+		+	-				H		H		+	П	$\dagger \dagger$	+	\sqcup		$\dagger \dagger$	H
FY93	AF 2		2												+		+		++	++	+		+	-
FY94	AF 2		2						\parallel		\parallel		+		+		+	\prod	++	++	+		+	+
FY96	AF 2		2		-					#	\prod		+	#	+		+			++	++	П	$\dagger \dagger$	+
FY96	AF 2		2					-	\parallel	\parallel	-	#	+		+		H	\Box		++	+		11	\vdash
FY97	AF 2		2						\parallel				++		+	1	+	\perp	1	++	+	П	11	++-
FY98	AF 2		2								H		+	#	+		+	\mathbf{H}	-	++	\vdash			++
FY99	AF .		2								\blacksquare	+	+	11	+ +	\prod	+	\dashv		+	++			++
FY00	AF 2		2						\parallel		\prod	+	+	\prod	+		H	\dashv		++	H			+
FY01	AF 3		8						\blacksquare		\blacksquare		+	$\downarrow \downarrow$	+		\parallel	\dashv		++	+	П	T	+
TOTAL	19			2 0 0 U		Σ < < α. Σ <	7 2	w m	z 0	~ <	₹ <	Σ «	7 2	< ⊃	001	z o :	¬ ∢ :	աա	Σ < 0	≥ < >	703	7 2 .	∀ ⊃ 0	10
				>	N N	æ	7	<u>-</u>	>	z	×	-	1	REMARKS	8	2	3					4	,	1
DAMAIN O'COROLLA PTIMARE	PRODUCTION BATES	SATES		BO OR		PROCUREM	PROCUREMENT LEAD TIMES	LIMES					ž	NO LONG LEAD TIME INCLUDED (See P.10 for Long Lead Time)	LEAD	ME	CLUDE	See	P. 10	or Lon	g Lead	Time)		
AND LOCATION	MIN	1.8.5	MAX	¥ 0			PRIOR	ADMIN LEAD TIME	_	MFG		TOTAL	n.	P.5 and P.6 of Lot III stipped 5 months each - P.5 due to sircaft's window	·6 of Lo	# ±	ped 5	nonth	98ch	P-5 d	ue to	aircraft	8 WIL	Mob
Grumman Melbourne Syst Div	1						1 0CT	1 OCT	+	TIME		1 OCT	<u>= 3</u>	frame replacements and P-6 due to rewriting correcting non-standard wiring confinitivation. These sites will not impact IOC and have been	dinurati	e end	P-6 due	to rev	wiring o	sorrect ect 10	ing ro	have b	960	
PO Box 9650	-	*	٥	0	REORDER	~	2	9		30 MOS	\vdash	36 MOS	Ē	integrated with the user's edjusted manpower, training & flying schedules	with th	e user	e edius	ed me	омоби	r, train	ang &	llying	chedu	98

FY94/95 BUDGET PRODUCTION SCHEDULE	CHEDULE			P.1 ITEM NOMENCLATURE: Joint STARS	NO.	MENC	LATU	E	Sint Si	ARS										ii Y		0 140 1330	200												1
						ES	EISCAL YEAR OF	FAR	-							FIS	FISCAL YEAR 02	YEAR	02					Н			FIS	CAL	FISCAL YEAR 03	03					7
		4004	BAI			-		CALE	CALENDAR YEAR	YEAR	5		1			H			₹ S	AON	R YE	CALENDAR YEAR 02		ŀ		-	4		S	END.	CALENDAR YEAR		Г	г	$\neg r$
tem/Menufecturer/ PE: 27681F BPAC:	V R C V	PRIOR TO	AS OF	00+	ОшО	¬ ∢ Z	ппъ	2 < c	Z < >	7 D Z	754	∢⊃ ७	о ш ч	20>	<u>рш</u> 0	¬ ∢ Z	<u>и ш ю</u>	≥ < ⊄	< a æ	2 < >	7 2 2	V D D	N M F	00+	Z 0 >	<u></u>	¬ < Z	டயக	∑ ∢ ¤	< 0 &	∑ ∢ ≻	7 D Z	7 2 4	∀ ⊃ Ø	- w α:
JSTARS/GRUMMAN					+	\vdash			-	+					+	+	4	\perp				++	+i	+	+	++	++	44	\bot	11			\top	+	+
FY93	AF 2		2		-	-				H	H					+		\dashv	$\perp \downarrow \downarrow$			+	+	+	+	++	+	+	4	$\downarrow \downarrow$				11	+
FY94	AF 2		2								\dashv	П			++	++	- -	44	\perp	Ш			++	++	++	+	++	++	++	+	11			T	++
FV96	AF 2		2		H	H				\dashv	++				++	+	+	+1	\perp	Ш			++	+	+	++	++	++	44	11	\bot			11	++
FY96	AF 2	2	2		+	-	1					\perp			\top	+	+		\perp			\top		+	++	+	+	+	+	11	11			\top	+
FY97	AF.	2	2		1	\vdash				H	H				+	+	+	+	\dashv	\perp			11	+	+	+	++	++	++	+	+			11	++
FY98	AF.	2	6			-	-				+						+	+	+		\perp		\Box	++	+	++	+	+	++	++	\perp			\Box	+
FY99	AF.	2	2		+	-	-	-		-	-	1	-			+	+	+	Н	Ш	Ц			+	+	+	++	+	+	+	+				+
FY00	AF.	2	2			+	1			+	-						Н			$\perp \downarrow \downarrow$	\Box			-	+	+	+	+	+	+	44	$\perp \downarrow$			+
FY01	AF.	6	6			+	H			+	+	4					+	+	+	\perp	\perp			+	+	+	+	+	\dashv	+	- -				-
TOTAL		19				-	-											-	_												_				
				0 U F	z o >	¬ ∢ 2	ப ய க	≥ < α	< a &	¬ ⊃ Z Σ ∢ ≻	7 D Z	∢ ⊃ ७	N m or	00+	20>	¬ ₹ 2		≥ < ¤	< 0 €	Σ < ≻	7 D Z	٦ o - ي	G C E S		001	Z 0 >	7 < Z	шю	≥ < ∞	< a ≪	Σ∢ ≻	¬ ⊃ Z	د د د	∢ ⊃ ७	νша
	Tanopi Tour	STAG INCIDENTIAL DATE		e				PRO	CURE	MENT	PROCUREMENT LEAD THMES	TIME	S									ş	ONG	LEAG	TIM	E N	TODE	es) Q	P -	O for	Long	Lead	NO LONG LEAD TIME INCLUDED (See P.10 for Long Lead Time)		
MANUFACTURER'S NAME AND LOCATION	MIN	1-8-5	MAX	₹ 6						E.	PRIOR	LEAL	ADMIN LEAD TIME	ш ~-		MFG			₽ ¥ ;	TOTAL		9.6	Pu	90	Eot	ddip	9 9	mont	80 1	- F	-6 du	o to	P.5 and P.6 of Lot III slipped 5 months each - P.5 due to sircet's w	, a 4	P.5 and P.6 of Lot III alipped 5 months each - P.5 due to aircraft's window
Grumman Melbourne Syst Div		-	80		84		IN	F			1 001	Н	100			ME		H		3		ķ	8	Migur	dion.	=	di se	- N	not	mpac	t toc	and t	whing configuration. These slips will not impact IOC and have been	U990	
Melbergo El 32902						-	REORDER	ER.			2	4	6			30 MOS	SO	\dashv	38	36 MOS		inte	Verted	With	130	. 188	200	T Del	90	Wer	TREIL	20	integrated with the user's adjusted manpower, training & flying schedules.	sched	cies.

			TOTAL	19.0	1093.7	0.0	1093.7	
			TO COMPLETE	0	0.0	0.0	0.0	
DATE: 8 Feb 1995			FY(BY2+4)01	0	0.0	0.0	0.0	
J 60			FY(BY2+3)00	е	125.4	0.0	125.4	
			FY(BY2+2)99	2	103.0	0.0	103.0	
			FY(8Y2+1)98	4	102.4	0.0	102.4	
-	LATURE	Joint STARS	FY(BY2)97	2	1111.1	0.0	111.1	
IFICATION SHEE	P-1 ITEM NOMENCLATURE	,	FY(BY1)96	2	97.1	0.0	1.76	
BUDGET ITEM JUSTIFICATION SHEET	P.1		FYICY195	2	218.8	0.0	218.8	
BUE		RCRAFT	FYIPY194	7	133.8	0.0	133.6	
		, AF/BA04, OTHER AIF	SAAS VEARS	4	203 7	0.0	203.7	
	APPROPRIATION/BUDGET ACTIVITY	AIRCRAFT PROCUREMENT (ADV BUY), AF/BAO4, OTHER AIRCRAFT		DUANTITY	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COS (in Millions)	Initial Speces (III W)	Unit Cost (in M)*

TOWN OF THE CONTRACTOR TOWN OF THE CONTRAC	COUNTAINS COUN	Control Cont	WEAPON SY	WEAPON SYSTEM ADVANCE PROCUREMENT	ROCUREMENT EXHIBIT (P-10a)		PRICH YEAR FOR FISCAL TEAN TROGRAM. FY 1994 for F	FY 1994 for FY 1995	
Date Contract Award Delivery Date of First Production Lead Time in Unit Cost Total Cost	Patentification Patentific	Date Contrast Award Date Contrast Award Date of first Production Lead Time in Unit Cost	CON	MFARISON OF REC	RS IN THOUSAND)			Feb 1995	
Subsystem	Stabsystem	Subsequent	Advance Procurement/Advance Funding		Date Contract Award	Delivery Date of First	Production Lead Time in Months (Admin/Prod) - Total	Unit Cost	Total Cost
Subsystem 2 10-May-34 Fry97 (6/12) 17 9-6 6-6-8 17 17 17 17 17 17 17 17 17 17 17 17 17	Subeystem	Subevetern	Items			EV97	(5/12) 17		24.0
10-May-94 Fr97 (5/12) 7 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 172 17	17.2 18.9 17.2 19.4 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9 17.5 18.9	17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2	adar Subsystem	N		EV97	(5/12) 17	9.6	19.2
AVP) Cedion 2 10-May-94 FY97 (5/12) 17 18.9 Imagement 2 10-May-94 FY97 (5/12) 17 7.4 WYP) OTAL L Column 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Seation	### STATE DESCRIPTION: 10 May 94	Airframe	7		2673	(5/12) 17	17.2	34.4
And Property and Property (6/12) 17 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7	### Fig. 1 17 17 17 17 17 17 17	STAL 2 10 May 94	Refurb	7		2003	(5/12) 17	18.9	37.8
MYP) TAL MYP MYP TAL TAL TAL TAL TAL TAL TAL TA	ATTIVE DESCRIPTION: STARS task and seeling 307-338C series aircraft. Of the twenty-one -338's built, there is one remaining strate for John STARS task aircraft being and these aircraft being around suitable for John STARS task aircraft being aircraft being aircraft being aircraft as waiting being aircraft as a peproximately two hundred other 707-300 series aircraft being aircraft are approximately two hundred other 707-300 series aircraft being aircraft are all worldwide commercial aviation. For the series are approximately two hundred other 707-300 series aircraft being aircraft are are approximately two hundred other 707-300 series aircraft being aircraft are are approximately two hundred other than -338's series aircraft are are approximately are are are approximately the area of other than -338's series aircraft are area are are approximately area are approximately the area are area.	Integration 2	Modification	7		7073		1.7	3.4
MYP) MYP TAL MYP TAL B. 10-May-34 MYP MYP TAL 66.8	MATIVE DESCRIPTION: AATIVE DE	MYP)	Gro A	2		2679	(5/12) 17	7.4	14.8
00. 8. 99	SCRIPTION: SCRIPTION: GENERAL To a used Boeing 707-338C series altoraft. Of the twenty-one -338's built, there is one remaining and suitable for John STARS use. There are approximately two hundred other 707-300 series altoraft being wide commercial eviation. The condition of these altoraft way wide commercial eviation. The condition of these altoraft way wide commercial eviation. The condition of these altoraft way wilds candidate altoraft series.	SCRIPTION: baselined on a used Bosing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining and suchable for Johnt STARS use. There are approximately two hundred other 707-300 series aircraft being widely. Use of other than -338 series aircraft hair and suchable the condition of these aircraft vary widely. Use of other than -338 series aircraft harman configuration differences in suitable candidate aircraft.	Lot Management	2		1611		8.99	133.6
66.8 66.8	ATIVE DESCRIPTION: ATIVE DESCRIPTION: The is baselined on a used Boeing 707-336C series aircraft. Of the twenty-one -338's built, there is one remaining valiable and suitable to Joint STARS use. There are approximately two hundred other 707-300 series aircraft being valiable and suitable to sontition of these aircraft. Use of other 130's series aircraft in worldwide commercial aviation. The condition of these aircraft has aircraft and inferences in suitable candidate aircraft.	TAL Native DESCRIPTION: TATVE DESCRIPTION: TARS is baselined on a used Bosing 707-338C series alroraft. Of the twenty-one -338's built, there is one remaining valued bear addable for Jobin STARR's use. There are approximately two hundred other 707-300 series alroraft being valued bear addable for Jobin STARR's use. There are approximately two hundred other 707-300 series alroraft being valued to the series alroraft and series alroraft being series alroraft and the commercial aviation. The condition of these alroraft vary widely. Use of other than -338 series alroraft is asses Non-Recurring Engineering costs due to wining configuration differences in suitable candidate alroraft.	SUBTOTAL EOQ (MYP)						
7AL 66.8	ATIVE DESCRIPTION: That is baselined on a used Boeing 707-336C series aircreft. Of the twenty-one -336's built, there is one remaining That is baselined on a used Boeing 707-336C series aircreft. Of the twenty-one -336's built, there is one remaining I would wide commercial availation. The condition of these aircreft tryay widely. Use of other than -336 series aircreft being I in worldwide commercial availation confinuration differences in suitable candidate aircreft references.	TAL ATIVE DESCRIPTION: TARs is baselined on a used Boeing 707-338C series alroraft. Of the twenty-one -338's built, there is one remaining and the standard other 707-300 series alroraft being in worldwale ormanetrial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft the size asses Non-Recurring Engineering costs due to wrining configuration differences in suitable candidate aircraft.						C	0.0
8 9 9 9	XTIVE DESCRIPTION: STARs is baselined on a used Boaing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining The suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being I in worldwide commercial aviation. The condition of these are alorent vary widely. Uses of other than -338 series aircraft I in worldwide commercial aviation. The condition of these are in suitable candidate aircraft.	ATIVE DESCRIPTION: TARs is baselined on a used Boeing 707-338C series alcraft. Of the twenty-one -338's built, there is one remaining validable for Joint STARS use. There are approximately two hundred other 707-300 series alcraft being validation. The condition of these alcraft vary widely. Use of other than -338 series alcraft series alcraft vary widely. Use of other than -338 series alcraft series along costs due to writing configuration differences in suitable candidate alcraft.	SUBTOTAL					2.00	9
	NARRATIVE DESCRIPTION: NARRATIVE DESCRIPTION: Joint STAR is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining Joint STAR is baselined on a used Boeing 707-338C series aircraft being Joint STAR is baselined on a used Boeing 707-338C series aircraft being Joint STAR is baselined to a subject of the series aircraft vary widely. Use of other than -338 series aircraft utilized in worldwide commercial available and filterences in suitable candidate aircraft.	NARRATIVE DESCRIPTION: NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Bosing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining Joint STARs is baselined on a used Bosing 707-338C series aircraft vary widely, two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wiring configuration differences in suitable candidate aircraft.	TOTAL					66.8	133.6
	NARRATIVE DESCRIPTION: Joint STARS is basslined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being -338 available and suitable for Joint STARS use. There are approximately two hundred other than -338 series aircraft utilized in worldwide commercial avaitation. The condition of these aircraft varies confidented in suitable candidate aircraft.	NARRATIVE DESCRIPTION: NARRATIVE DESCRIPTION: Joins STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 evailable and serie of Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wiring configuration differences in suitable candidate aircraft.						,,,,	
	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircreft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being -338 available and suitable for Joint STARS use. The condition of these aircraft vary widely. Use of other than -338 series aircraft utilized in worldwide commercial availation. The condition of these aircraft vary widely. Use of other than -338 series aircraft	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wining configuration differences in suitable candidate aircraft.							
	NARRATIVE DESCRIPTION: NARRATIVE DESCRIPTION: Joint STARS is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining Joint STARs is baselined on a used Boeing 707-338C series aircraft by two hundred other 707-300 series aircraft being -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-308 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft commercial aviation confinue to make an expression of the province of t	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining Joint STARs is baselined on a used Boeing 707-338C series aircraft. Wo hundred other 707-300 series aircraft being -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wiring configuration differences in suitable candidate aircraft.							
	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining Joint STARs is baselined on a used Boeing 707-338C series aircraft to hundred other 707-300 series aircraft being -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial availation. The condition of these aircraft vary widely. Use of other than -338 series aircraft	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wiring configuration differences in suitable candidate aircraft.							
	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Bosing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft utilized in worldwide commercial aviation.	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wiring configuration differences in suitable candidate aircraft.							
	NARRATIVE DESCRIPTION: NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being -338 available and suitable for Joint STARS use. The condition of these aircraft videly. Use of other than -338 series aircraft utilized in worldwide commercial aviation of these aircraft of the suitable candidate aircraft.	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Bosing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wiring configuration differences in suitable candidate aircraft.							
	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The conditionation differences in suitable candidate aircraft.	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wiring configuration differences in suitable candidate aircraft.							
	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft utilized in worldwide commercial aviation.	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wiring configuration differences in suitable candidate aircraft.							
	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other than -338 series aircraft utilized in worldwide commercial aviation. The condition of the province air suitable candidate aircraft.	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wiring configuration differences in suitable candidate aircraft.							
	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being -4338 available and suitable for Joint STARS use. The condition of these aircraft vary widely. Use of other than -338 series aircraft utilized in worldwide commercial aviation.	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wiring configuration differences in suitable candidate aircraft.							
	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining Joint STARs is baselined on a used Boeing 707-338C series aircraft, wo hundred other 707-300 series aircraft being -338 available and suitable for Joint STARS use. There are approximately two hundred other than -338 series aircraft utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wiring configuration differences in suitable candidate aircraft.							
	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining Joint STARs is baselined on a used Boeing 707-338C series approximately two hundred other 707-30C series aircraft being Jass available and suitable for Joint STARS use. There are approximately two hundred other than -338 series aircraft utilized in worldwide commercial aviation. The condition of these aircraft candidate aircraft.	NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining Joint STARs is baselined on a used Boeing 707-338C series approximately two hundred other 707-300 series aircraft being -338 available and suitable for Joint STARS use. There are approximately two hundred of other than -338 series aircraft utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wiring configuration differences in suitable candidate aircraft.							
		Will increase Non-Hecuring Engineering costs and to minister a	utilized in worldwide commercial aviatio	on. The condition o	of these aircraft vary widely. Use configuration differences in su	se or other than -350 series litable candidate aircraft.			

ce Funding	WEAPON SYST	WEAPON SYSTEM ADVANCE PROCUREMENT	OCUREMENT EXHIBIT (P-10a)	CLASSIFIED	CURRENT YEAR FOR FISCAL YEAR PROGRAM: FY 1995 for FY 13	YEAR PROGRAM: FY 1995 for FY 1996	(0)
Page	ASTROCOUL.	(TOA, DOLLAR	S IN THOUSAND)			6 Feb 1995	
bibsystem Light State (1996) FF996 FF996 (5/12) 17 14.6 FY1995 for FY1996 FY1996 FF996 (5/12) 17 8.3 FY1995 for FY1996 FY1996 (5/12) 17 8.3 FY1995 for FY1996 FY1996 (5/12) 17 13.6 FY1995 for FY1996 FY1996 (5/12) 17 13.6 Inframe 2 3GTR FY96 FY98 (5/12) 17 8.5 And AL 2 3GTR FY96 FY98 (5/12) 17 67.0 20.3 ATAL 3 3GTR FY96 FY98 (5/12) 17 67.0 21	Advance Procurement/Advance Funding		Date Contract Award	Delivery Date of First Fauitment Required	Production Lead Time in Months (Admin/Prod) - Total	Unit Cost	Total Cost
Salik F735 F	Items	1	riailiad/hadullad	2000	(5/12) 17	14.6	29.1
FY1995 for FY1999 FY1995 for FY1999 12 3GTR FY95 FY1995 for FY1999 12 3GTR FY95 FY98 (5/12) 17 8.3 Salton 2 3GTR FY95 FY98 (5/12) 17 20.3 SALL 1.8 SALL	Radar Subsystem	7	3QIR FY35	000			22.8
FY1995 for FY1998 FY1995 for FY1998 FY1995 for FY1999 FY1995 for FY1995 FY1995 for F	Ĭ.	-					22.9
FY1995 for FY1999 12 3QTR FY95 FY98 (5/12) 17 13.6 3.0178 FY95 FY98 (5/12) 17 13.6 3.0178 FY95 FY98 (5/12) 17 13.6 5.0.3 17.4 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.	FY1995 for FY199/						24.6
inframe FY 1995 for FY 1995	FY1995 for FY1998						29.6
ation 2 30TR FV95 FV98 (5/12) 17 13.6 20.3 and RV95 FV98 (5/12) 17 20.3 and RV95 FV98 (5/12) 17 1.8 and RV95 FV98 (5/12) 17 8.5 and RV95 FV98 (5/12) 17 67.0 21	FY 1995 for FY 1999	12	30TB FY95	FY98	(5/12) 17	8.3	6.66
agion 2 3 3 TR FY95 FY96 (5/12) 17 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6	l otal Alframe	1					
ation 2 3GTR FY95 FY98 (5/12) 17 20.3 nagement 2 3GTR FY95 FY98 (5/12) 17 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	-	6	30TR FY95	FY98	(5/12) 17	13.6	27.2
agement 2 30TR FY95 FY98 (5/12) 17 8.5 Inagement 2 30TR FY95 FY98 (5/12) 17 8.5 ITAL 67.0 ITAL 6	Returb	4 0	3OTR EVER	FY98	(5/12) 17	20.3	9.04
nagement 2 30TH FY95 FY98 (5/12) 17 8.5 9TAL 67.0 2	Modification	4 (30 T B T C S	FY98	(5/12) 17	1.8	3.6
67.0 2	Grp A	7 (3075 BY 05	8673	(5/12) 17	8.5	16.9
67.0	Lot Management	7	SELL WIDS			67.0	217.3
67.0	SUBTOTAL						
67.0							
67.0							,
67.0							
67.0	SUBTOTAL					0.0	0.0
		•					1
	TOTAL					0.70	6.717
				· ·			
I POLICE OF THE							
	TO THE PERSON AND THE PERSON IN						
	Loint STARs is hasalined on a used Boeing /U/-535C series aliciality of the twellty of a balling is also being the twellty of	10/-000C Selies	dicidit. Of the treating one	on a principal strain of the principal strains	D		

Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338 soult, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wiring configuration differences in suitable candidate aircraft.

Note:

FY95 Appropriations Bill increased JSTARS advance procurement by \$99.9 million to buy out airframes.
These dollars are shown above under the Airframe line as a debit to the FY95 line and credits to the FY96 through FY99 advance procurement line.

Procure Proc	WEAPON SYS	WEAPON SYSTEM ADVANCE PROCUREMENT	ROCUREMENT EXHIBIT (P-10)	LASSIFIED	BUDGET YEAR 1 FOR FISCAL YEAR PROGRAM: FY 1996 for FY 15	. YEAR PROGRAM: FY 1996 for FY 1997	7
Production Lead Time in Parmed Required Production Lead Time in Production Lead Time in Production Lead Time in Parmed Required Parmed Require	(PROCUREN	MENT OF ADVANC	SE DESIGN AND MATERIAL)			3 Feb 95	
Herns	Advance Procurement/Advance Funding		Date Contract Award	Delivery Date of First	Production Lead Time in	Unit Cost	Total Cost
Aubsystem 0 30TR FY99 FY99 (5/12) 17 13.6 ation 2 30TR FY96 FY99 (5/12) 17 13.6 ation 2 30TR FY96 FY99 (5/12) 17 7 19.6 ation 2 30TR FY96 FY99 (5/12) 17 7 19.6 ation 2 30TR FY96 FY99 (5/12) 17 7 19.6 ation 2 30TR FY96 FY99 (5/12) 17 7 19.6 ation 2 30TR FY96 FY99 (5/12) 17 7 19.6 ation 2 30TR FY96 FY99 (5/12) 17 7 19.6 ation 30TR FY96 FY99 (5/12) 17 19.6 ation 30TR FY96 FY99 (5/12) 17 19.6 ation 30TR FY99 (5/12) 17 19.6 ation 30TR FY96 FY99 (5/12) 17 19.6 ation 30TR FY96 FY99 (5/12) 17 19.6 ation 30TR FY99 (5/12)	Items	Quantity	Planned/Required	Equipment Required	Monthly Control	12.3	24.5
ation 2 30TH FY96 FY99 (5/12) 17 13.3 ation 2 30TH FY96 FY99 (5/12) 17 13.3 ation 2 30TH FY96 FY99 (5/12) 17 15.6 ation 2 30TH FY96 FY99 (5/12) 17 7 7.9 ation 2 30TH FY96 FY99 (5/12) 17 49.6 ation 2 30TH FY96 FY99 (5/12) 17 49.6 ation 2 30TH FY96 FY99 (5/12) 17 48.6 ation 2 30TH FY99 (5/1	Dader Cubevetam	2	3QTR FY96	FY99	(1) (2) (2)		
ation 2 30TR FY96 FY99 (5/12) 17 13.3 arin 2 30TR FY96 FY99 (5/12) 17 13.3 arin 2 30TR FY96 FY99 (5/12) 17 7.9 arin angement 2 30TR FY96 FY99 (5/12) 17 7.9 arin angement	hadai Subsystem	0	3QTR FY96	FY99	/1 (71/6)	900	1 76
ation 2 3 3 Th FY96 FY99 (5/12) 17 1.6 agament 2 3 OTH FY96 FY99 (5/12) 17 7,9 and the state of the state o	Airtrame	6	30TR FY96	FY99	(5/12) 17	3.0	1.17
ation 2 3GTR FY96 FY99 (5/12) 17 7.9 1.6 1.6 1.7 1.6 1.7 7.9 1.6 1.6 1.7 1.7 7.9 1.6 1.6 1.7 1.7 7.9 1.6 1.6 1.7 1.7 7.9 1.6 1.6 1.7 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	Refurb	1 0	SONT BILLY	FY99	(5/12) 17	13.3	26.6
2 3GTR FY96 FY99 (5/12) 17 7.9 TAL WYP) DTAL L L	Modification	7	0000	000	-	9.1	3.2
77AL	Gro A	2	SQIR FY96		(5/12) 17	7.9	15.7
0.00	Lot Management	2	3Q1R FY96	6614		48.6	97.1
7AL 48.6 9	UBTOTAL						
48.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0				_			
7AL 48.6 9	EOQ (MYP)						
48.6 S							000
9.84	SUBTOTAL					2	
					_	48.6	97.1
	TOTAL		_				
						-	
	-						
					. 2		
					-		
				-			
				-			

NARRATIVE DESCRIPTION:

utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wiring configuration differences in suitable candidate aircraft. Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining -338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being

FY95 Appropriations Bill increased JSTARS advance procurement by \$99.9 million to buy out airframes. These dollars are shown on the P-10 for FY95 under the Airframe line as credits to the FY96 through FY99 advance procurement line.

WEAPON SY	STEM ADVANCE PI	WEAPON SYSTEM ADVANCE PROCUREMENT EXHIBIT (P-10)		BUDGET YEAR 2 FOR FISCAL YEAR PRUGHAM: FY 1997 for FY 19	YEAR PROGRAM: FY 1997 for FY 1998	
NOO)	APARISON OF REQU	(COMPARISON OF REQUEST TO EXECUTION)		Date	6 Feb 95	
Advance Procurement/Advance Funding		Date Contract Award	Delivery Date of First	Production Lead Time in Months (Admin/Prod) - Total	Unit Cost	Total Cost
Items	Quantity	Planned/Required	EVOO	(5/12) 17	15.5	31.0
Radar Subsystem	2	10TR F19/	500	(5/12) 17		
Airframe	5 (1817 ATO .	00.75	(5/12) 17	15.5	31.0
Refurb	2 0	LOIR FYS/	000	(5/12) 17	15.2	30.3
Modification	7	1814 ATO.	00 20	(5/12) 17	1.6	3.2
Grp A	2 0	101R FY9/	000	(5/12) 17	7.8	15.6
Lot Management	7	ומוארושו			55.6	1111.1
SUBTOTAL						
EOQ (MYP)					-	
SIBTOTAL					0.0	0.0
					r r	11111
TOTAL						
		_				
NARRATIVE DESCRIPTION:						

-338 available and suitable for Joint STARS use. There are approximately two hundred other 707-300 series aircraft being utilized in worldwide commercial aviation. The condition of these aircraft vary widely. Use of other than -338 series aircraft will increase Non-Recurring Engineering costs due to wiring configuration differences in suitable candidate aircraft. NARRATIVE DESCRIPTION: Joint STARs is baselined on a used Boeing 707-338C series aircraft. Of the twenty-one -338's built, there is one remaining

Note:

FY95 Appropriations Bill increased JSTARS advance procurement by \$99.9 million to buy out airframes.
These dollars are shown on the P-10 for FY95 under the Airframe line as credits to the FY96 through FY99 advance procurement line.

66

SIMULATOR AN	D TRAINING DE	SIMULATOR AND TRAINING DEVICE JUSTIFICATION SHEET	TION SHEET			DAIE	26-1-20-2		
APPROPRIATION 3600/3010/3400	APPROPRIATION/P-1 Line Item 3600/3010/3400		Weapon Syste	Weapon System (If Applicable) Joint STARS		Equipment Nomenclature	menclature		PE 27581F 64770F
Fin Plan	Prior Years	Prior Years Current (FY)95 FY(BY1)96 FY(BY2)97	FY(BY1)96		FV(BY2+1)98	FY(BY2+2)99	FY(BY2+3)00	FY(BY2+1)98 FY(BY2+2)99 FY(BY2+3)00 FY(BY2+4)01 Total	Total
*									3
Sugntilly									8
	00	6.5	1.3	26.2	0.0	0.0	0.0	0.0	43.0
Procurenten	2							XX	100 0
DOTRE	59.3	37.9	28.5	37.1	26.1	0.0	0.0	OïO	100.7
NO I OF							1 60	746	108 A
080	0.0	0.0	0.6	13.9	17.5	18.5		20:07	200

RAINING SYSTEM DESCRIPTION:

Procurement includes the Maintenance Trainers, Interactive Video Diskettes (IVD), and Mission Crew Training Capability (MCTC). RDT&E includes MCI Maintenance Trainers, and MOT&E Training. O&S Includes CLS for MCTC, Flight Crew Training, and Maintenance Trainers.

The Interactive Video Diskettes (IVD) is courseware primarily intended to be used on a self-initiated basis by workcenter technicians. The typical IVD a microcomputer, optical laserdisc, monitor, keyboard, light pen, printer, courseware, and modem.

The MCTC will furnish ACC with the training equipment and services required to effectively train the Joint STARS mission crews to perform their operative masterials are development effort.

The Flight Crew Iraining System (FCTS) is a KC-135 motion base with PAN-AM Flight Simulator which will be acquired and converted to a FAA Level C violatery for safety of flight training. The Maintenance Training Sets (PME MTS) and Aircraft Maintenance Training. The Maintenance Training Sets (PME MTS) and Aircraft Maintenance and Sets (PME MTS) and Aircraft Maintenance.

The PME MTS is a low fidelity representation of the airborne system. The PME MTS provides initial skills training.

The AMT will provide familiarization training for former AWACS personnel.

Page 1 of 1	ing Device Justification
Evhihit P-43	Simulator & T
ON COLOR	roge No.
	P-1 Shopping List Ifem No.

Approved by: Reviewed by:

JSTAR95.XLW/P-43 PG1

Prepared by:

1 0 0 Printed: 2/2/95 12:29 PM

Maintenance Trainers/IVD Weapon System (if Applicable) JA FY 94 COST GIY COST GIY COST GIY COST GIY A.4 A.4 A.4 A.4 To a cost To						
ST CURRENT YEAR COST GIY COST ON 1 A.4	Joint St Aks					
PRIOR YEAR CURRENT YEAR GIY COST GIY WARE 0 0.0 1 4.4 Upport to) 0 0.4 0.4 to) COST 0.0 0.4 TRAINER 0 0.4 0.4 to) 0 0.1 1.7 CCOST 0 0 0 2.1						_
OIV COST OIV OIV OIV	PY 96	FY 97 BUDGET YEAR		ರ	TOTAL	ا پ
1 TRAINER 4.4 HARDWARE 0 0.0 1 4.4 HARDWARE 0 0.0 1 4.4 HARDWARE 0 0.0 1 7.7 HORT COSTS 0 0.0 0 2.1		QIY COST	AN	COST	NG	COST
9) HARDWARE 0 0.0 1 4.4 HARDWARE 0 0.0 1 4.4 HARDWARE 0 0.0 1 1.7 PORT COSTS 0 0.0 2.1	2				0	0.0
AL HARDWARE 0 0.0 1 4.4 pistics Support 0.0 0.0 0.0 UPPORT COSTS 0 0.0 0 2.1	55.				2	5.7
AL HARDWARE 0 0.0 1 4.4 PM. Data) UPPORT COSTS 0 0.0 0 2.1					0	0.0
AL HARDWARE 0 0.0 1 4.4 Selfics Support 0.0 0.0 0.4 UPPORT COSTS 0 0.0 0 2.1					0	0.0
AL HARDWARE 0 0.0 1 4.4 Plates Support PM, Data) 1.7 UPPORT COSTS 0 0.0 0 2.1					0	0.0
AL HARDWARE 0 0.0 1 4.4 pistics Support 0.4 UPPORT COSTS 0 0.0 0 2.1					o	0.0
AL HARDWARE 0 0.0 1 4.4 AL HARDWARE 0 0.0 1 1.7 PM. Data) 1.7 UPPORT COSTS 0 0.0 0 2.1						
PM, Data) UPPORT COSTS 0.4 1.7 1.7 UPPORT COSTS 0 0.0 0.1 2.1	1.3	0	0:0	0	v	ò
9istics Support PM. Data) UPPORT COSTS 0 0.0 0.0 2.1					0	0.0
1 Logistics Support 0.4 . SE/PM. Data) 1.7 AL SUPPORT COSTS 0 0.0 0 2.1					0	0.0
0.4						90
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0					5 (
0 0.0 2.1						
	0:0	0	0.0	0.0	0	2.7
Software/Courseware					0	0.0
TOTAL COSTS 0 0.0 1 6.5 1	F.1.3	0	0.0	0.0	2	7.8
P.1 SHOPPING LIST ITEM NO. PAGE NO.	SENO.	EXHIBIT P-43, PAGE 1 OF 2	-2			

Exhibit 43

Reviewed by:

Training Device by Type: Mission Crew Training Capability Weapon S													
	ew Tro		Weapon	Weapon System (If Applicable) Joint STARS	iof (eldp:	nt STARS							
Description/Justification													
		FY 94	(FY 95		FY 96		FY 97 RUIDGET VEAR		ე			TOTAL
Financial Plan		PRIOR YEAR COST	MO	CONFESION	o No	COST	δIA	COST	MO	COSI		\ OIV	COST
HARDWARE COSTS												0	0.0
Device (Hardware)								1 19.3				_	19.3
ECOs												0	0.0
Non-Recurring												0	
) 1												0	0.0
Other (Specify)	•							6.9			.,	0	6.9
TOTAL HARDWARE	0	0.0	0	0.0	0	0.0		1 26.2	2	0	0.0	-	26.2
ataco tocare												0	0.0
SUPPLIES COSIS												0	0.0
Special se												0	0.0
integrated Logsincs support									_			0	0.0
Other (SE/PM, Test, Data)											9	-	
TOTAL SUPPORT COSTS	٥	0.0	0	0.0	0 0	0.0	0	0.0		0	0.0	5	· .
Software/Courseware												0	0.0
TOTAL COSTS	0	0.0		0.0		0.0	0	1 26.2	2	0	0.0	-	26.2
		P.1 SHOPPING LIST ITEM NO.	EM NO.		PAGENO	Ō	EXE	EXHIBIT P-43, PAGE 2 OF 2	2				

Exhibit 43

JSTAR95.XLW/P-43 PG 2

Prepared by:

Approved by:

APPROPRIATION/BUDGET ACTIVITY	ET ACTIVITY			P-1 ITEM NOMENCLATURE	ICLATURE						
AIRCRAFT PROCUREMENT, AF/BA04	AENT, AF/BA04					SOF A/C COMIN	SOF A/C COMMON SUPPORT EQUIPMENT	QUIPMENT			
	FY(PY)93	FY(PY)94	FY(CY)95	FY(BY1)96	FY(BY2)97	FY(BY2+1)98	FY(BY2+2)99	9 FY(BY2+3)00	FY(BY2+4)01	TO COMPLETE	TOTAL
QUANTITY											
COST (in Millions)		18.7									
Initial Spares (in M)											
Total (in Millions)		18.7									
Unit Cost (in M) *											
MISSION AND DESCRIF	PTION:										
MISSION AND DESCRIPTION: Funding supports acquisition of Common Support Equipment for USSOCOM.	PTION:	pport Equipment	for USSOCOM.								
MISSION AND DESCRIP Funding supports acquis	PTION:	pport Equipment	for USSOCOM.								

P-1 Shopping L Item No. 16

PAGE 1 OF 2 EXHIBIT P-40

AIRCRAFT PROCUREMENT AF (3010)/BA06 AIRCRAFT PROCUREMENT AF (3010)/BA06 1994 1995 1996 1997 1998 1999 2000 2001 2001 COST COST SAB5.5 \$603.6 \$748.6 \$8748.6 \$877.5 \$8745.4 \$715.5 \$733.3			BUDGET ITEM JUSTIFICATION SHEET	TIFICATION SHI	EET			DATE: JANUARY 1993	1993
AIRCRAFT PROCUREMENT AF (3010)/BA06 1997 1998 1999 2000 1994 1995 1996 1997 1998 1999 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000		APPROPRIATION/	BUDGET ACTIVITY		M NOMENCLATURI	m			
1994 1995 1996 1997 1998 2000 \$415.7 \$485.5 \$603.6 \$748.6 \$877.5 \$745.4 \$715.5		AIRCRAFT PROCU	REMENT AF (3010)/BA06					
\$415.7 \$485.5 \$603.6 \$748.6 \$877.5 \$745.4 \$715.5		1994	1995	1996	1997	1998	1999	2000	2001
\$415.7 \$485.5 \$603.6 \$748.6 \$877.5 \$745.4 \$715.5									
ION \$415.7 \$485.5 \$603.6 \$748.6 \$877.5 \$745.4 \$715.5	UANTITY								
ION \$415.7 \$485.5 \$603.6 \$748.6 \$877.5 \$745.4 \$715.5									
0.000	COST		£485 5	\$603.6	\$748.6	\$877.5	\$745.4	\$715.5	\$733.3
	MILLION	\$415.7	6165.5						

Program Definition: Aircraft Replenishment Spares (Budget Program 150000):

to depot repair (XD items) and are not discarded until depot repair is no longer economical. The requirement is based on an item specific failure/demand driven computation that supports the flying hour program leadtime away. The average leadtime is three years. Example items include landing gear struts, fire control computers, inertial navigation units, and engine turbine wheels. This program finances AFSF exempt investment spares and repair parts needed to provide spares support for all aircraft and support equipment. Investment items are distinguished from expendable items in that investment items are subject

categories. The first group is munitions code/managed items such as cartridge actuated or propellant actuated devices (CAD/PAD) The only replenishment spares funds remaining in this central procurement account are for spares items which cannot be managed by the Standard Base Supply System (SBSS) and thus are exempt from the stock fund concept. These exceptions fall into three items for aircraft ejection systems. The second and third categories are non-stocklisted items which support classified and contractor logistics support (CLS) systems.

Program Definition: Aircraft Initial Spares (Budget Program 160000):

AFSMBA (DBOF) will be reimbursed by this central procurement account as the funds actually outlay. The effect of this change was a shift of funds to the right which may give the appearance of ramping requirements. However, it is important to note that this means that the funds This program finances whole spare engines and modules and reparable investment items including some items being newly introduced to the budgeted in FY95 and FY96 for example largely represent the payments for obligations already incurred by the DBOF but is really a shift in Air Force Inventory. Beginning in FY94, Most initial spares are procured through the AFSMBA (DBOF). As the funds are expended, the financing strategy. Initial spares are funded in the four program segments described on the attached page.

PAGE 2 OF 2 EXHIBIT P-40

Initial Weapon System Spares. (Budget Program 161000)

This program finances whole spare engines and engine modules, aircraft spares, and peculiar ground support equipment spares to support initial operations of new aircraft.

Common Ground Support Equipment (GSE) Spares. (163000)

This program finances spares required to support new or replacement aircraft common support equipment.

Aircraft Modification Spares. (Budget Program 164000)

This program finances new spare parts needed during the initial operation of modified airborne systems.

Other Production Spares. (Budget Program 169000)

This program finances spare parts introduced to the inventory for the first time in support of other production charges - BP1900 (e.g. spares for electronic countermeasure pods and special classified systems).

FY96 Program Justification:

The FY96 total aircraft spares request increased primarily due to the C-130, B-2, JSTARS, C-17 and modification of various weapon systems.

Funding Summary:	1994	1995	1996	1997	1998	1999	2000	2001	
REPLENISHMENT SPARES	147522	173487	137201	149944	161633	164005	168497	173895	
INITIAL SPARES INITIAL WEAPON SYS SPARES COMMON GSE SPARES MODIFICATION SPARES OTHER PRODUCTION SPARES	231364 9044 20548 7213	193408 6509 98658 13432	325100 10128 119926 11264	368627 11551 190379 28129	449285 11615 226563 28395	336112 12133 205053 28111	303035 12411 202557 28957	320044 12741 196790 29827	
TOTAL INITIAL SPARES	268169	312007	466418	598686	715858	581409	546960	559402	
TOTAL SPARES & REPAIR PARTS	415691	485494	603619	748630	877491	415691 485494 603619 748630 877491 745414	715457	733297	

NITIAL SPARES FUNDING	DATE JAN 1995	FY 1996 FY 1997	325100 368627	10128 11551	119926 190379	11264 28129	466418 598686						
SPARES FUNDING DN, BUDGET ACTIVITY ATURE FY 199 26 26 ES CES 27 THE SIMPLE FY 199	H	193408	6209	85986	13432	312007							
END ITEM NOMENCLATURE END ITEM NOMENCLATURE SUPPORT EQUIPMENT SPARES OTHER PRODUCTION SPARES TOTAL INITIAL SPARES	INITIAL SPARES FUNDING APPROPRIATION, BUDGET ACTIVITY	FY 1994	231364	9044	20548	7213	268169				·		
		END ITEM NOMENCLATURE	WEAPON SYSTEM SPARES	SUPPORT EQUIPMENT SPARES	MODIFICATION SPARES	OTHER PRODUCTION SPARES	TOTAL INITIAL SPARES						

	APPROPRIATION, BUDGET ACTIVITY	INITIAL SPARES FUNDING OPRIATION, BUDGET ACTIVITY			JAN 1995
P-1 LINE	END ITEM NOMENCLATURE	FY 1994	FY 1995	FY 1996	FY 1997
	F-16	1151	7796	6452	6895
	F-15E	4545			
	C-130	1114	15790	31241	34220
	E-8	3479	33023	64490	79602
	C-17	29569	102800	117500	83900
	B-2	177506	2237	59115	122188
	09-Н	523	619	3890	2987
	NEW ATC AIRCRAFT	13477	31143	42412	385
	F-22				38450
	SUPPORT EQUIPMENT SPARES	9044	6209	10128	11551
	MODIFICATION SPARES	20548	85986	119926	190379
	OTHER PRODUCTION SPARES	7213	13432	11264	28129
	TOTAL INITIAL SPARES	268169	312007	466418	598686

		55593	71177	17234	944						
DATE JAN 1995	FY 1997	55.	17	17.	149944						
	FY 1996	47745	73820	15636	137201						
J	FY 1995	53500	98926	21061	173487						
ING SUMMAR	FY 1994	39515	98228	9779	147522						
REPLENISHMENT SPARES FUNDING SUMMARY APPROPRIATION, BUDGET ACTIVITY	END ITEM NOMENCLATURE	CLS SYSTEMS/TRAINERS	CLASSIFIED PROGRAMS	MUNITIONS CODED/MANAGED ITEMS	TOTAL REPLENISHMENT SPARES						
	P-1 LINE										

	REPLENISHMENT SPARES FUNDING SUMMARY APPROPRIATION, BUDGET ACTIVITY	DING SUMMAR' ACTIVITY	> -		DATE JAN 1995
P-1 LINE	END ITEM NOMENCLATURE	FY 1994	FY 1995	FY 1996	FY 1997
	CLS SYSTEMS/TRAINERS SPARES:				
	KC-10A	13101	13629	14084	14390
	TAC SYSTEMS/SIMULATORS	693	099	612	604
	SPECIAL MISSION AIRCRAFT	15203	15449	7783	7796
	OPS SUPPORT AIRCRAFT	2241	2331	2404	2455
	NAVIGATION TRAINERS	808	791	817	832
	NEACP OPERATIONS		8701	4380	4475
	F-117	6436	10876	16556	23909
	CSTOL	1032	1073	1109	1132
	TOTAL CLS REPLEN SPARES	39515	53500	47745	55593

	REPLENISHMENT SPARES FUNDING SUMMARY APPROPRIATION, BUDGET ACTIVITY	OING SUMMAR' ACTIVITY	J		DATE JAN 1995
P-1 LINE	END ITEM NOMENCLATURE	FY 1994	FY 1995	FY 1996	FY 1997
	CLASSIFIED SYSTEM SPARES:				
·	COMPASS CALL (RIVET FIRE)	14093	8469	8158	5626
	TACCS (RIVET RIDER)				
	SPECIAL RECON (PACER COIN)				
	TACCRYPTO (RIVET JOINT/CENTCOM)	82062			
	TECH COLLECTION (COBRA BALL)				
	CENTCOM	1497	1551	1598	1626
	B-2 SQUADRONS	576	1833	5792	7722
	DARO		87073	55136	58654
	OTHER CLASSIFIED PROGRAMS			3136	3489
	TOTAL CLASS REPLEN SPARES	98228	98626	73820	77117

REPLENISHMENT SPARES FUNDING SUMMARY APPROPRIATION, BUDGET ACTIVITY	NG SUMMAR. CTIVITY	> -		DA1E JAN 1995
END ITEM NOMENCLATURE	FY 1994	FY 1995	FY 1996	FY 1997
MUNITIONS CODE ITEMS SPARES:				
			1100	1100
			1000	1100
		2554		
OTHER ACFT/COMMON	9779	18507	13536	15034
TOTAL MUNITIONS REPLEN SPARES	9779	21061	15636	17234

PEPE PROPER INTO MBUDGET ACTIVITY	PROGRAM COST BREAKDOWN	NMO							DATE JANUARY 1995	1995
DENT FY94 FY95 FY96 FY97 CODE	APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, AF (3010)/BA06		Aircraft Spa	res and Repair Par	ts					
CODE FY94 FY95 FY96 FY97 CODE QTY TOTALCOST										
CODE QTY TOTALCOST QTY TOTALCO		IDENT	FY94		FY95		FY96		FY97	
14752 173487 137201 268169 312007 466418 415691 485494 603619	ELEMENT OF COST	CODE	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST
AL 268169 312007 466418 455494 603619	REPLENISHMENT SPARES Budget Program 15			147522		173487		137201		149944
415691 485494 603619	INITIAL SPARES Budget Program 16					312007		466418		298686
	TOTAL			415691		485494		603619		748630

FY 96/97 PRESIDENT'S BUDGET (PB)
BP12 COMMON SUPPORT EQUIPMENT
FEBRUARY 1995

Ш
=
щ
7
V.
S
1
1
U
7

FEBRUARY 1995

FY 96/97 PRESIDENT'S BUDGET
BUDGET ACTIVITY 07
(BP 12) COMMON SUPPORT EQUIPMENT (CSE) (DOLLARS IN MILLIONS)

		FY96		FYB/	
NIION	NSN	aTY	AMOUNT	ΔŢ	AMOUNT
Outlow Outlow	3655-01-347-9055	95	5.040	310	16.942
_	4120-00-998-6673	287	13.870		
	4120-01-167-5470	40	8.508		
3 Air Conditioner, PD501 Diesel	2935_01-300-1807V7	132	17.914	240	30.647
4 Compressor, Gas Turbine A/M32A-95	4000 04 9EE 4478DO	r.	9.076	12	18.311
5 F-15 Downsized Tester	4920-01-333-44/0DG	0	48 000	8	. 48.000
	4920-01-339-92 12VVF	N/A	7 860	NA N	11.000
_	7000 040 40 0007	0	4.345		
8 Maintenance Platform, High Reach	1730-01-249-0097	o en	2.471		
9 C-5 Empennage Stand	4000 04 170-5108DD	0	2.206	2	2.206
10 Pacer Comet III	4920-01-13-9-02-02-02-02-02-02-02-02-02-02-02-02-02-	72	6.049	49	5.539
11 Compass Calibrator	4920-01-321-1839	269	5.113		
	3655-00-429-2896	296	3.425		
13 Purge Unit	4320-00-914-1120YZ	186	4.580		
14 Hydraulic Pumping Unit, Ar/M27 M-1	4920-01-380-4744	2	0.441	37	1.813
15 Hydraulic Lest Stand, Electric	4920-01-380-7460	2	0.639	20	0.980
16 Hydraulic lest Stand, Diesel	4920-00-450-0553	2	0.720		
17 Test Stand, Hydaulic Component	6635-01-363-6674	144	2.435	134	2.337
18 Ultrasonic Flaw Detector			2.280		1.782
19 Interim Contractor Support (ICS)					
Sirticial			144.972		139.557
			35 357		38.310
20 Items Less Than \$2M					
			180.329		177.867
Sublotal			05.740		14 003
Simulators			35.7.8		S. i
5			216.048		191.870

			BUDGE	BUDGET ITEM JUSTIFICATION	STIFICATION			DATE FEBRUARY 1995	IY 1995
	ADDROPRIA	TION/BUDGET AC	STIVITY			BUDGET PR	OGHAM 1200 OV	ENVIEW	
BUDGET PROGHAM 1200 OVERVIEW	TAGOGIA	POOCHDEMENT	COMMON SUPPO	AT EQUIPMENT			00077	0000	EV 2001
BUDGET PROGRAM 1200 OVERVIEW N SUPPORT EQUIPMENT	AIHCHALI	FROCONEMENT,		3007	EV 1007	FY 1998	FY 1999	L1 2000	1007
N SUPPORT EQUIPMENT		FY 1994	FY 1995	FY 1990	1661 1				
N SUPPORT EQUIPMENT FY 1997 FY 1998 FY 2000 FY 2000 FY 1995 FY 1996 FY 2000 FY	V. T.								0000
SIATION/BUDGET ACTIVITY BUDGET PROGRAM 1200 OVERVIEW FT PROCUREMENT, COMMON SUPPORT EQUIPMENT FY 1997 FY 1998 FY 1999 FY 2000	COANTILY				010 1010	4007 996	\$216.467	\$243.400	\$255.563
SUDGET ACTIVITY BUDGET PROGRAM 1200 OVERVIEW FT PROCUREMENT, COMMON SUPPORT EQUIPMENT FY 1997 FY 1998 FY 1999 FY 2000 FY 1994 FY 1996 FY 1996 FY 1996 FY 1998 FY 2000	SOST (In Mil)		\$226.259	\$216.048	0/0.1814	\$56.1.33¢			
ROCTIVITY BUDGET PROGRAM 1200 OVERVIEW NT, COMMON SUPPORT EQUIPMENT FY 1997 FY 1998 FY 1999 FY 2000 FY 1995 FY 1996 FY 1999 FY 2000 \$226.259 \$216.048 \$191.870 \$227.996 \$216.467 \$243.400									

aircraft maintenance and servicing requirements. These replacement requirements ensure continuation of serviceable, supportable equipment over the life of a production aircraft. These items, common (used on more than one weapon system) and peculiar (unique to one weapon system), are used in direct support of A. DESCRIPTION/FUNCTION: This program procures replacement organizational and intermediate (common and peculiar) support equipment for out-ofweapon system. This program also funds simulators for out-of-production aircraft.

B. PURPOSE OF PROCUREMENT: Items being replaced range in age from 10 to 30 years old, have frequent failures, spare parts which are no longer available or not economical to repair. Many items are technologically obsolete or are being replaced due to environmental operating constraints.

C. APPLICATION: All Air Force maintained aircraft weapons systems requiring replacement equipment.

munitions handling equipment, jet engine test stands, electronic test sets, noise suppressors, fuel servicing carts, generators, maintenance platforms and D. REQUIREMENTS: Justifications are for fiscal years 1996 and 1997. Items of equipment budgeted include: avionics test stations, air conditioners, automatic test equipment.

UNCLASSIFIED P-1 SHOPP LIST ITEM NO.

PAGE NO.

1 5

	BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	STIFICATION P-40) P-40) P-40)	CLATURE Solf-	Generating Nitrog	DATE FEBRUARY 1995 en System (SGNS)	Y 1995
APPROPRIATION/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY			NSN:	NSN: 3655-01-347-9055		
AIRCRAFT PROCUREMENT, COMMISSION OF			0007.72	EV 1999	FY 2000	FY 2001
-	FV 1996	FY 1997	FY 1880	2001	700	C
FY 1994 FY 1995		210	300	360	402	
315	95	010	#46 07E	20 862	\$12.178	\$0.000
	\$5.040	\$16.942	\$10.01\$			
COST (in Mil) \$0.000					fragged 2 00 terrorists in the	O E norront

pure, 96 percent moisture free, gaseous nitrogen at 4000 pounds per square inch (PSI) at a rate of not less than 9 standard cubic feet per minute. The SGNS incorporates the hollow fiber membrane or air separator technology. The membrane or air separator produces gaseous nitrogen from compressed ambient air A. DESCRIPTION/FUNCTION: The SGNS is a small, lightweight, portable, self-generating cart capable of producing self-generated oil-tolerant, 99.5 percent traces of argon, neon and helium) to pass through the hollow fibers for collection and use. The SGNS's engine is capable of operating on multiple fuels, with by permeating the fast gases (water vapor, oxygen, carbon dioxide, etc.) back to the atmosphere and allowing the inert gases (primarily nitrogen with small JP-8 as primary fuel and can operate continuously for five hours. This system is mounted on a four wheeled trailer for easy positioning by maintenance personnel and designed for efficient roll on/roll off loading and is transportable on military transport aircraft.

B. PURPOSE OF PROCUREMENT: FY95 funding begins a procurement program that will replace three unreliable and outdated systems: the liquid nitrogen servicing unit (LN-2), the six and eight bottle nitrogen servicing carts and an air compressor. This system is reliable, easily maintainable, rapidly deployable and capable of supporting aircraft at forward operating locations under bare base conditions. The SGNS eliminates the necessity to procure, ship and store liquid nitrogen or nitrogen gas filled bottles to service aircraft tires, struts and accumulators thereby enhancing the Air Force's rapid deployment, warfighting capability, equipment survivability and daily maintenance operations.

C. APPLICATION: SGNS will be used to service tires, struts and accumulators and to purge oxygen systems on all Air Force aircraft.

D. REQUIREMENTS: FY96 - 95 shortages

FY97 - 310 shortages

without SGNS. If not procured, the Air Force will continue to preposition empty equipment (storage tanks & LN-2 carts) that still require the shipment of liquid E. IMPACT: The current Air Force systems are inefficient, costly to maintain and unreliable. Bare base operations will continue to be difficult and costly nitrogen to the deployed areas of operation.

UNCLASSIFIED

PAGE NO.

P.1 SHOPP LIST TEM NO.

	1	WEADON SYSTEM COST	LSAS	FM	A TSOS	UNCLASSIFIED T ANALYSIS EXHIBIT (P-5)	ASS SIS E	XHBI	(P-5)				<u> </u>	D. DATE FEB	ATE FEBRUARY 1995	Y 1995
	Ž A			(Cost	(Cost in thousands of dollars)	de of dollar	EC/ D	A IUdo	(Cost in thousands of dollars)		C. MANI	JFACTL.	RER N	AME/PL	ANT/ C	C. MANUFACTURER NAME/PLANT/ CITY/STATE
A APPROPRIATION/BUDGET ACTIVITY	ACT	VITY	ei ≥	EAPC	MON NO	ELJEN	-				LOCATION	Z				
TITLE/NO.			SELF	SELF-GENERAT	ERATIN 01-347	TING NITRO	OGEN	SERVIC	SELF-GENERATING NITROGEN SERVICING CART	· .	UNKNOWN	Z				
AIRCRAFT PROCUREMENT, COMMON	COMM	Z O	202	200												
SUPPORI EQUIPMENT											EV 1996	g			FY 1997	197
Weapon System Cost	IDENT		<u> </u>	EV 1994			-	FY 1995			TINIT				TINO	TOTAL COET
Elements			UNIT	-	100	YTO		COST	TOTAL COST	YTO	COST	TOTAL COST	COST	OTV	COSI	10181 5031
		OTY	COST	4	IOIAL COST	1						_	0,0	0.00	n R	16.942
	-	-	_	_		315	- 2	25	16,223	3 95	- 23		5,040	2	3	
SGNS TECHNICAL DATA	∢								50	15						
BID SAMPLE TEST									16,288	ao			5,040			16,942
TOTAL	_	, -	_	_		-	-	-								

	İ
ġ.	18
AGE NO.	
PA	

P-1 SHOPP LIST ITEM NO.

Exhibit P-5 Weapon System Cost Analysis

		١	
ī	L	8	
ĩ	ī		
ī	7	5	
TICE &	1	j)
4	1	ĺ	
7	-	ļ	l
(Į)
	2	2	,
2	_)

FY96 FY97

310 AFMC/SA-ALC OCT 96 FEB 97 OPTION UNKNOWN

D. REMARKS

UNIT COSTS FOR FY95, 96 AND 97 BASED ON UNIT COST OF SIMILAR ITEM IN COMMERCIAL MARKET ESCALATED BY RESPECTIVE INFLATION INDICES.

Exhibit P-5a Procurement History and Planning PAGE NO. P-1 SHOPP LIST ITEM NO.

P.1 SHOPPING LIST ITEM NO. UNCLASSIFIED

			The Contract of	O MITDOGEN CART	DATE: FEBRUARY 1905		-
		P-1 ITEM NOMENCLA	P-1 ITEM NOMENCLATURE: SELF-GENERALING WITTER		SO SAN VEAR OF	FISCAL YEAR 07	· «
FYSEAT BUDGET PRODU	CTION SCHEDULE	1	FISCAL YEAR 95	-	FISCAL 15	CALENDAR YEAR 97	-
TEMMEG PROCUPEMENT S PROCACOT	PROC ACCPT BAL		CALENDAR YEAR 95	96	CALENDAR YEAH 96		w Œ
		94 94 94 14N	MARIAPRIMAY JUN JUL AU	G SEP OCT NOV DEC.	JUN JUL AUG SEP C	DEC JAN FEB WAR APR WAY JUN JUL ANG SEP	
	AF 315 0 315	200	O	8	30 30 30 30 30 30 30 30 15	08	
		90			+	20 46 15 15 25 30 30	30 120
	9				O		
	AF 310 0 31	310			10	+	
	FWS 10 0 1	10				15 15 15 5	
AA	ARMY 50 0 6	8					1
				+			
				+			
			+				
		+					
	+						
	+						
	+						
							+
			0	0 0	30 30 30 30 30 30 30 30 30 30 30 30	30 30 30 30 30 30 30 30	30 150
TOTAL	780	3			U U V U V U V U V U V U V U V U V U V U	OV DEC JAN FEB MARIAPR MAY JUN JUL AUG	3 SEP
		OCT NOV DEC JAN	PEB MARIAPRIMAY JUN JUL PROCUREMENT L	EAD TIME	REMARKS:		
MANUFACTURER'S NAME AND	PROD RATES	REA.	TANK TANK	MANUFACTURING TOTAL AFTER 1	OTAL AFTER 1		
	MAX	4	PR 1 OCT AFT 1 OCT		XT		
ONKNOWN	8	INITIAL	0	9	4.		
		REORDER		*	*		
				P-1 SHOPPING LIST	NG LIST	Page 1 of 2 Pages	Page 1 of 2
				UNCLASSIFIED	SIFIED	Exhibit P-21 F	Production

	THE SELECTION ATTITLE SELECTION NITROGEN CART	EN CART DATE: FEBRUARY 1995		-
TOTAL SCHEDULE	P.1 IIEM NOMENCLATORIC CES	FISCAL YEAR 99	FISCAL YEAR OU	<
FYBON PHODOCION	FISCAL Y	CALENDAR VEAR 99	CALENDAR YEAR 00	- u
TEMMANUFACTURER PROCUREMENT	07 07 97		G S S S S S S S S S S S S S S S S S S S	
YEAH	OCT NOV DEC JAN FEB MAR APR	OV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP	MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAY JU	
FV97	08 08 08			
				I
				1
		0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0
TOTAL	30 30 30 30 00 00 00 00 00 00 00 00 00 0		MAY JUN JUL AUG S	d B
	OCT NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP OCT NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUL AUGISEP JOCI NOVIDEC JAN FEB MARIAPH MAY JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL AUGISEP JUL A	NOV DECLAN FEB MARIAPRIMAY JUN JUL LAUGIS	EP JOCI INOVIDECIONA ILEO INVALO.	
REMARKS				

P.1 SHOPPING LIST TEM NO. UNCLASSIFIED

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

	HIDMACHY	JENT, COMMON SUPPORT EXCIPMENT
/IIY	Caron	2
A PRED RELATION / BUDGET ACTIVI	110000	MON SOL
BUDGE		I, COM
/ NOI		AIRCRAFT PROCUREMENT, CC
[Aldoo		AFT PROX
000	ALL	AIRCR

DISPOSALS (Planned & Projected thru FY96 FUP)

DISPOSALS (Figuring and Property Prystal Bryst): FY96: FY97: FY98: FY98: FY98: TOTAL DISPOSALS (34 MONTHS)
P184 F79, F79, F79, F79, F79, F79, F79, F79,

ACTUAL TRAINING EXPENDITURE					
ACTUAL T	FY95	FY94	FY93	FY92	FY91

묎	
릵	
EN	
젊	
9	
N	
M	
Z	
王	
HR	
O	
¥	
5	795
≪ I	Ĺ.,
41	4

FY95	FY94	FY93

			FY91 PEMABKS: VARIANCE BETWEEN FY96 REQUIRED AND PLANNED PROCUREMENT DUE TO PRODUCIBILITY.	
FY94	FY93	FY92	FY91 DEMADKS:	NA CANADA

NCART	
NITROGE	
SELF-GENERATING	
EM NOMENCLATURE:	
P-1	

NSN: 3655-01-347-9055

			35				1178	235	136	
INVENTORY OBJECTIVE	Number of Combat Loads	Assets Required for Combat Loads	Combat Expenditures	War Reserve Requirement	Annual Training	Annual Testing	Maintenance Pipeline	Air Force Requirement	Air National Guard Requirement	Air Force Reserve Requirement
	C		315	315			0	0		

刿
只
띩
8
0
8
\succeq
2
Ö
<
읪
9
4

TOTAL REQUIREMENT

1584

1584

AENT			ient	ent
PROCUREMENT REQUIREMENT	Total FY96 Requirement	Assets	Required FY96 Procurement	Planned FY96 Procurement
PROCURE	Total FY96	Less Net Assets	Required	Planned F
315				

1584 315 1269 95

Total FY97 Requirement	Less Net Assets	Less FY96 Planned Proc	Required FY97 Procurement	planned FY97 Procurement

Planned	5	

PAGE NO. 1 OF 2

P-1 SHOPPING LIST ITEM NO.

UNCLASSIFIED

Exhibit P-20 Requirements Study

REQUIREMENTS STUDY

IPMENT

S.	
APPROPRIATION / BUDGET ACTIVITY AIRCRAFT PROCUREMENT, COMMON SUPPORT EQU	
APPROPRIATION / AIRCRAFT PROCUREM	ASSETS

Due-in w/all Prior Years' Funds Dn Hand as of 31 Mar 94 Due-In w/FY96 Funds TOTAL ASSETS: DISPOSALS (Planned & Projected thru FY97 FDP)

FY96 since as of date: FY97:

FY98: FY99:

TOTAL DISPOSALS (46 MONTHS) FY00:

PROCUREMENT LEADTIME: 4 months

NET ASSETS:

ACTUAL TRAINING EXPENDITURE

FY95 FY93 FY94

FY92

ACTUAL OTHER THAN TRAINING EXPENDITURE

FY93

REMARKS: VARIANCE BETWEEN FY97 REQUIRED AND PLANNED PROCUREMENT DUE TO PRODUCIBILITY.

INVENTORY OBJECTIVE

P-1 ITEM NOMENCLATURE: SELF-GENERATING NITROGEN CART

NSN: 3655-01-347-9055

DATE: FEBRUARY 1995

Assets Required for Combat Loads **Jumber of Combat Loads**

War Reserve Requirement Combat Expenditures

410

Annual Training **Annual Testing**

Maintenance Pipeline Air Force Requirement

Air National Guard Requirement

Air Force Reserve Requirement

TOTAL REQUIREMENT

APPROVED ACQUISITION OBJECTIVE

410

1584

1584

1584

PROCUREMENT REQUIREMENT Required FY97 Procurement Planned FY97 Procurement **Fotal FY97 Requirement** Less Net Assets

310 1174

> Less FY97 Planned Proc **Fotal FY98 Requirement** Less Net Assets

Required FY98 Procurement Planned FY98 Procurement

P-1 SHOPPING LIST TEM NO.

UNCLASSIFIED

Exhibit P-20 Requirements Study

0
Ш
L
S
ú
SA
LINCL
\mathbf{Q}
Z

UNCLASSIFIED DATE FEBRUARY 1995 BUDGET ITEM JUSTIFICATION	DMENC! ATURE			0 0	287 0	\$13.870 \$0.000 \$2.118	\$3.001 (In MIII) \$3.001	1
OIL IED	(EXHIBIT P-40)	N SIIDPORT EQUIPMENT	EV 1999	FY 1995 FY 1996 FY 1997 11 1990	307 287 0 41	\$0.000 \$2.118	\$3.001	

A. DESCRIPTION/FUNCTION: The MA-3D is a diesel engine driven, all weather, vapor cycle, trailer mounted, self-contained air conditioner with a nominal cooling capacity of 138,000 BTU/HR (20 tons). It is designed to provide cooling for aircraft electronic equipment during ground check-out and maintenance.

availability of spare parts and use of leaded fuel. Procurement of this item is also required for the Government to be in compliance with the Montreal Protocol years; assets being replaced have long exceeded replacement cost criteria. The average age of the inventory is 21 years. Support problems include non-B. PURPOSE OF PROCUREMENT: Item is required to replace air conditioners with critical support problems. The average service life of this item is ten Treaty on substances that deplete the ozone layer and the Clean Air Act requiring the elimination of R-12 refrigerant.

C. APPLICATION: This item supports multiple large aircraft: B-52, C-5, C-130, C-135, C-141, C-17, KC-135, and EC-130.

D. REQUIREMENT: FY96 - 287 replacements

E. IMPACT: Without this type air conditioner for flight line use, there is high risk of damaging expensive electronic systems due to overheating and creating a health hazard for personnel performing required maintenance functions.

F. TYPE ITEM: A

	Ш
	L
	SS
	U.
	4
l	2000
ı	CZ
ı	-
Į	
I	-
١	-

PAGE NO.

P.1 SHOPP LIST ITEM NO.

u	J
Ū	
U	20
U	D
•	1
(3
=	2
-	

BUDGE	BUDGET PROCUREMENT HISTO	T HISTORY	ORY PLANNING EXHIBIT (P-5A)	EXHIBIT (P-5A)			A. DAIE FEBR	FEBRUARY 1995	995	
	0)	(Cost in thousands of dollars)	dollars)	TI La	A NOME	ACI ATURE	C B 1 ITEM NOMENCI ATURE AIR CONDITIONER MA-3D	IONER	MA-3D		
B APPROPRIATION/BUDGET ACTIVITY	IIVITY			ا د د			NSN	4120-(NSN: 4120-00-998-6673	5673	
S. ATT AND CLIDEMENT COMMON SUPPORT EQUIPMENT	MON SUPPORT EQU	PMEN				CHANTITY	TINIT	SPECS	SPEC	IF YES,	
AIRCHAFT PROCONEMENT	/dOTA GTUDA	CONTRACT	CONTRACTED	AWARD	DATE OF	SOAMIL T	100	AVAIL	MEV	WHEN	
COST ELEMENT/	LOCATION	METHOD	BY	DATE	PIRST		3	NON	REQ'D	AVAIL	
		& IYPE									*
					30,701	102	- 48				_
	EAS	OPTION.	AFMC/SA-ALC	NOV 94	S ACA	287	48	YES	2		
6445	EAS	OPTION.	AFMC/SA-ALC	200	26.000		,				
	ENGINEERED AIR										-
	SYSTEMS, ST LOUIS,			·							
		_	_	_		_	-		•		

D. REMARKS

• OPTION QUANTIMES/PRICES IN ACCORDANCE WITH FV93 COMPETITVE/FIRM FIXED PRICE CONTRACT.

Exhibit P-5a Procurement History and Planning PAGE NO. P-1 SHOPP LIST ITEM NO.

		Il I'm I Charles	C. Alle Lawrence						- A - A - A - A - A - A - A - A - A - A	3	
		P-1 ITEM NOMENCLATURE	TE: AIR CONTENTS		EISCAL YEAR 96	3 06		_	FISCAL TEXT		
31	TION SCHEDULE	FISCAL	\ >		TOOL TOOL	SO GAD VEAD OF	90 04		CALENDA	CALENDAR YEAR 97	- 4
TEMMFG PROCUREMENT	PROC ACCPT BAL	+	CALENDAR YEAR 95	AR 95	O	ALENDAH TE	200				9
		OUE 04 04 04	A APR MAY JUN JUL.	APP MAY JUN JUL AUG BEP OCT NOV DEC	N.	FEB MAR APR MAY JUN JUL	AUG SEP OCT	NOV DEC JAN F	JAN FEB MAR APR MAY JUN JUL		20 NOV
CV03	246 0	8	0 30 30 3								+
FY94	98	8	27	2 2	30 45 60* 60	60 15			1		+
AF	307 0	307 C		_		45 60	99 99	2			-
	AF 287 0 2	287	+	1							
Q PARTY	IF 45 0	45	+	1							+
(ap 10 Initial)	28 0	28	+	22							
	FMS 7 0	7	+								
			+		-						1
				+	-						
	-					+					
					+						
					+	+					
					+	+					
					+	-					
					+	+	-				
					+			-			
					+						
		06 06 06 00	30 30	30 30 30 30	30 30 45 60	9 9 9	99 99	0 2 0	0	0	
TOTAL	000		3	JUL AND SEP OCT NOV DEC JAN FEB MAR APP ANY JAN JAN JAN AND SEP OCT NOV DEC JAN FEB MARAPE MAY JAN JAN AND SEP	DEC JAN FEB MAR	UPR MAY JUN	APP MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APP MAY JUN JUL AUG SEP	T NOV DEC JA	W FEB MAR A	PR MAY JUN J.	The electric
ANNIE ACTURER'S NAME AND		OCT INOV DECIDES THE				AM32C-5) ar	HEMAHKS: EAN IIBS IIR CONTROLL TO INCOMESS Shown IN MAR 96 are due to (AAM32C-5) and/or diesel (MA-3) version. The increases shown in MAR 96 are due to	3) version. T	he increases	shown in MAR	96 are due
LOCATION	PHOD HAIES	NEA-	ADMIN LEAD TIME	MANUFACTURING	TOTAL AFTER 1 C	completion of	the electric versi	on contract ru	חחחותם כסחכעון	ופוווול אוווו ווופ	
MALDON OF CHARLES	N	4	PRIOCT AFTIOCT	1	3						
ST LOUIS, MO	- 30	INITIAL									
		BECABOEB		7	00						

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

P-1 ITEM NOMENCLATURE: AIR CONDITIONER MA-3D

NSN: 4120-00-998-6673

Assets Required for Combat Loads

War Reserve Requirement

1462

307

Annual Training Annual Testing

Combat Expenditures

Number of Combat Loads

849

INVENTORY OBJECTIVE

AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT APPROPRIATION / BUDGET ACTIVITY

Due-in w/all Prior Years' Funds On Hand as of 31 Mar 94 Due-in w/FY95 Funds ASSETS

Disposals (Planned & Projected thru FY96 FDP)

TOTAL ASSETS:

FY95 since as of date:

FY96: FY97:

FY98: FY99:

TOTAL DISPOSALS (32 MONTHS)

PROCUREMENT LEADTIME: 8 months

NET ASSETS:

ACTUAL TRAINING EXPENDITURE

420 613 1033

1033

1033

APPROVED ACQUISITION OBJECTIVE

TOTAL REQUIREMENT

849

PROCUREMENT REQUIREMENT

613

Fotal FY96 Requirement

Required FY96 Procurement Planned FY96 Procurement

ess Net Assets

Air National Guard Requirement Air Force Reserve Requirement

Maintenance Pipeline Air Force Requirement

88

FY93 FY94

FY92 FY91 ACTUAL OTHER THAN TRAINING EXPENDITURE

Required FY97 Procurement Planned FY97 Procurement

Less FY96 Planned Proc

Less Net Assets

Fotal FY97 Requirement

FY94 FY93 FY95

FY92

REMARKS: THIS IS A COMPLETE REPLACEMENT PROGRAM. OLD ASSETS ARE BEING SENT TO DISPOSAL AS R-12 REFRIGERANT IS REMOVED.

P-1 SHOPPING LIST TEM NO.

Exhibit P-20 Requirements Study

UNCLASSIFIED

PAGE NO. 10F 1 26

BUDGET ITEM JUSTIFICATION P-1 ITEM NOMENCLATURE Air Conditioner, PD501, Diesel AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT P-1 ITEM NOMENCLATURE Air Conditioner, PD501, Diesel NSN: 4120-01-167-5470 FY 1994 FY 1995 FY 1996 FY	
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

selected. It is designed to operate in temperatures from -40 to +115 degrees (F) and provide cooling/heating for electronic equipment during ground check-out maximum outlet pressures of 390 pounds per minuté (PPM) at 2.0 pounds per square inch gaugéd (PSIG), 300 PPM/1.5 PSIG, or 220 PPM/3.0 PSIG can be 1,200,000 BTU/HRS. It provides air via 5 individually controllable outlets at temperatures ranging from 45 to 100 plus degrees Fahrenheit. Flow rates and A. DESCRIPTION/FUNCTION: The PD501 air conditioner is a diesel engine driven, vapor cycle, trailer mounted unit with a normal cooling capacity of and maintenance checks of avionics systems on the B-1B, AC-130U and MC-130H aircraft.

supported by up to five MA-3D air conditioners, or one ACE* air conditioner and one MA-3D. The AC-130U and MC-130H are being supported by up to four checkout and maintenance. Procurement will greatly reduce the Air Force and Special Operations Force's mobility footprint. The B-1B aircraft is currently B. PURPOSE OF PROCUREMENT: This item is needed to ensure failure of vital electronic components does not occur due to overheating during ground

C. APPLICATION: This air conditioner supports the B-1B, AC-130U and MC-130H aircraft.

D. REQUIREMENTS: FY96 - 40 Shortages

E. IMPACT: Not procuring this item will result in inadequate cooling/heating support for vital electronic components of the B-1B, AC-130U and MC-130H aircraft.

F. TYPE ITEM: A

*Accessories Control and Equipment (ACE) Company

127	ED
PAGE NO.	CLASSIFIED
P-1 SHOPP LIST ITEM NO.	

Ш
SS
4
U
Z

BUDGET PROCUREMENT HISTORY PLANNING EXHIBIT (P-5A) EXHIBIT (P-5A)	JREMENT HISTO	ORY PLANNING E	UNCLASSIFIED NNING EXHIBIT (P-5A sends of dollars)	(P-5A) E	KHIBIT (P	-5A)		A. DATE FEBRUAR	A. DATE FEBRUARY 1995	
				C.P-1	ITEM NON	MENCLATUR	C. P-1 ITEM NOMENCLATURE AIR CONDITIONER, PD501,	DITION	ER, PD50	
B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY B. APP	VIIY	ORT EQUIPME	NT	-	DIESEL	2	NSN: 41 ZU-U-101 SPECS	SPECS	SPEC	IF YES,
AIRCRAF! PROCONE	CONTRACTOR/	CONTRACT	Z	AWARD	FIRST		COST	AVAIL	REV PCO'D	WHEN
COST ELEMENI/ FISCAL YEAR	LOCATION	METHOD & TYPE	9	100	DELIVERY				ACM D	
				CED 03	10.05	36	202			
PY93	EAS	OPTION.	AFMC/SA-ALC AFMC/SA-ALC	APR 96	OCT 96	04	213	YES	2	

EAS EAS

FY93 FY96

ENGINEERED AIR SYSTEMS, ST LOUIS, MO

xhibit P-5a Procurement History and Planning	
SHOPP LIST PAGE NO.	MNO.
	Ë
D. REMARKS • OPTION TO A FYSO C/FFP CONTRACT.	

		P-1 ITEM NOMENCLATURE: AIR CONDITIONER, PDS01, DIESEL	TURE: AIR CONDITIN	ONER, POSO1, DIESER	CICCAL VEAR 96		FISC	-
FYSANT BUDGET PRODUCTION SCHEDULE		FIS	FISCAL YEAR 05		בופראד וראום	20 OK 30 OK	CALENDAR YEAR 97	
MFG PROCUREMENT S	PROC ACCPT BAL		CALENDAR YEAR 95	EAR 05	CALEN	CALENDAR TEAN 90		
Œ >	OTY PRIOR	04 04 04	JUL WILL YALL GOOD	ALIG SEP OCT NOV DEC	JAN FEB MARAPR MAY JI	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	JAN FEB MARIAPH MAY JUN JUL	2004
	Š	OCT NOV DEC JAN			3 3 3 3		-	6
FY93	36 0				O	3	2	
FY96	0 00	+				8		+
DIMIE	0 9	9	+					+
								1
								_
	-							
								-
								-
		+						-
		+						T
								+
								+
								+
								+
					6	3 3 3 3	3 3 3 3 3 3 3	3
TOTAL	82 0	82 0 0 0 0	0 0 0	1 2 3 3			JUL NULYAN HARAPH MAY JUN	AUG SEP
		OCT NOV DEC JAN FEB		JUL AUG SEP OCT NOVIC	DEC JAN FEB MAR APR M	AKS:	MARIAPRIMAY JUNI JUNG 19EP TOOT MOVIDEC JAN FEB IMARIAPRIMAY JUNI JULI AUGISET TOOT TOOT TOOL TOOT TO THE TOOL TOOT TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOOL TO THE TOO	
MANUFACTURER'S NAME AND	PROD RATES IN	REA.	РНОСОНЕМ	באו רבאה וואב	TOTAL ACTED 1			
ATION	MIN	4	ADMIN LEAD TIME	TIME	OCT			
ENGINEERED AIR SYSTEM, STICKLIS, MO.		1						
		DI COLORE		9	12			
		DECEDED		_				

P-1 SHOPPING LIST ITEM NO. UNCLASSIFIED

	P-1 ITEM NOMENCLATURE: AIR CONDITIONEH, PUSOI, DIESEL	SEL FISCAL YEAR 99	FISC	- × ·
FY96/97 PRODUCTION SCHEDULE	FISCAL YEAR 98	FISCAL LEGIS	CALENDAR YEAR 00	⊢ Ł
MENT	CALENDAR YEAR 98	CALENDAR YEAR 99	5	
YEAR	97 97 87 MAN AND AND AND AND SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL ANG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL	DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV	DEC JAN FEB MARAPH MAY JUN JUL AND SE	
	OCT NOV DECLAM TEB MONTH			-
				_
FY96	1			
				-
				+
				+
				+
				\dagger
				士
		+		0
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0		
TOTAL		ALIC SEE OCT INOVIDEC LAN FEB MARIAPRIMAY JUN JUL AUGISEP OCT NOVIDEC JAN FEB MARIAPRIMAY JUN JUL AUGISEP	OV DEC JAN FEB MARIAPR MAY JUN JUL AUG	SEP
BENARKS	OCT NOV DECLAN FEB IMARIAPRIMAY JUNI JUL MUSISET LOCTION			
				٠.

UNCLASSIFIED

Page 2 of 2 Pages
Exhibit P-21 Production Schedule

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

P-1 ITEM NOMENCLATURE: AIR CONDITIONER, PD501, DIESEL

NSN: 4120-01-167-5470

Assets Required for Combat Loads

War Reserve Requirement

Annual Training Annual Testing

Combat Expenditures

0 38

Number of Combat Loads

INVENTORY OBJECTIVE

AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT APPROPRIATION / BUDGET ACTIVITY

Due-in w/all Prior Years' Funds On Hand as of 31 Mar 94 Due-In w/FY95 Funds TOTAL ASSETS: DISPOSALS (Planned & Projected thru FY96 FDP) FY95 since as of date: FY97: FY98: FY99: FY96: 2 원

z

✓ C C C C C

FY94 FY93 FY95

REMARKS

OTAL DISPOSALS (43 MONTHS) ROCUREMENT LEADTIME: 12 months	CTUAL TRAINING EXPENDITURE	95	494	493	492	Y91
		CTUAL TRAINING EXPENDITURE	CTUAL TRAINING EXPENDITURE	CTUAL TRAINING EXPENDITURE 95 94	CTUAL TRAINING EXPENDITURE 95 94 93	CTUAL TRAINING EXPENDITURE 95 94 93

ACTUAL OTHER THAN TRAINING EXPENDITURE

FY92 FY91

UNCLASSIFIED P-1 SHOPPING LIST ITEM NO.

Exhibit P-20 Requirements Study

PAGE NO.

Required FY97 Procurement PROCUREMENT REQUIREMENT Required FY96 Procurement Planned FY97 Procurement Planned FY96 Procurement Less FY96 Planned Proc Total FY96 Requirement Total FY97 Requirement Less Net Assets Less Net Assets

888

APPROVED ACQUISITION OBJECTIVE

38

TOTAL REQUIREMENT

Air National Guard Requirement Air Force Reserve Requirement

Maintenance Pipeline Air Force Requirement

		BUDGE	1 -	STIFICATION			DATE FEBRUARY 1995	Y 1995
			(EXHIBIT P-40)	0)		Auth Can Turk	ne A/M32A-95	
Approprie	APPROPRIATION/BUDGET ACTIVITY	TIVITY		P-1 ITEM NOMENCLATURE COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR, GRS TURBING ANTICES COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRESSOR COMPRES	ICLATURE COMP	New 2835-01-390-1807YZ	YZ	
ALLEGUALE	TIGOTOCIO	Oddie NOMBOO	AT EQUIPMENT		100		2000	EV 2001
AIRCRAFT P	ROCOMEMENT,	AIRCRAFT PROCUREMENT, COMMISSION CO.	00077	EV 1007	FY 1998	FY 1999	FT 2000	1007
	EV 1994	FY 1995	FY 1996	1881		000	c	c
	1001		001	240	240	233	>	,
VITANTITY	0	0	132	244		A20 4EA	000 0	80.000
	7	0000	417 014	\$30.647	\$30.773	\$32.134	90000	
SST (In MII)	81.118	\$0.000	20.219					

A. DESCRIPTION/FUNCTION: The AM32A-95 Gas Turbine Compressor, also known as the Large Aircraft Start System (LASS), is a towable, four-wheeled system. The LASS is used to furnish pneumatic pressure/power for ground support of aircraft systems. Its primary mission is to start engines for a variety of aircraft. This is accomplished via a delivery hose which connects to the aircraft's engine(s) and provides compressed air for starting and performing other chassis mounted trailer. It consists of an enclosure assembly which houses a turbine engine, fuel, electrical, and lubrication system, and an air delivery functions that require large volumes of compressed air. The LASS is 116"X 62"X 68" and weighs 3000 pounds.

New technology via control of fuel flow on demand will provide a cost savings in terms of fuel use efficiency. Unlike the MA-1A, which ran at 100 percent from (PSIA) as compared to the LASS's 150 pounds at 48 PSIA. The LASS will use a GTC85-180 series 6 Garrett engine versus the MA-1A's GTC85-70A engine. increased without a corresponding growth in starting unit capacity/capability. The MA-1A only provides 90 pounds of air at 45 pounds per square inch actual adequate output to support engines in use at that time. During the intervening years, the size and air requirements of aircraft engines and accessories have B. PURPOSE OF PROCUREMENT:. The MA-1A Air Start Carts currently in use in the inventory were designed in the 1955-1957 time frame and provided start, the LASS will start and run at 40 percent and respond/operate at 100 percent when the bleed air valve is opened.

C. APPLICATION: This unit supports all aircraft having air start capability, including the B-52, C-5, C-17, C-130, C-135, C-141, E-3, E-4 and T-38.

D. REQUIREMENTS: FY96 - 132 shortages FY97 - 240 shortages

In addition, the increasing age and shortage of parts to repair the MA-1A further necessitates the procurement of the LASS as a replacement. Failure to fund E. IMPACT: The MA-1A currently in use does not provide an adequate output of air which is required for the start of the newer generation of aircraft engines. the LASS would result in the loss of large aircraft engine start capability PAGE NO. P.1 SHOPP LIST ITEM NO.

PRIATION/BUDGET ACTIVITY B. WEAPON MODEL/SEHIES/ POPULATION/BUDGET ACTIVITY B. WEAPON MODEL/SEHIES/ POPULATION/BUDGET ACTIVITY	TITLE/NO. COMPRESSOR, GAS 1 URBINE AMOLT BBY CORPORATION KANSAS CITY, MO KANSAS CITY, MO	3T EQUIPMENT	FY 1996		ATY COST TOTAL COST ATY COST TOTAL COST OTY COST TOTAL COST	132 136 17,914 240 128		1118
A. APPROPRIATIO	TITLE/NO.	SUPPORT EQUIPMENT		Weapon Syster		2	LASS TECHNICAL DATA	

			THIS ACCIETED	UNIO ASSIFIED	UNCLASSIFIED
DINC: ASSIFIED					
UNCLASSIFIED	UNCLASSIFIED	UNCLASSIFIED			

Exhibit P-5 Weapon System Cost Analysis

C	1
	u
Ü	
STA STA	2
U	7
-	j
(
4	Z
1	J

	ONCLASSINES	IL HISTORY	ONCEASSIFIED ORY PLANNING EX	EXHBIT	(P-5A)			A. DATE	DATE FERRITARY 1995	1995
BUDGE		Cost in thousands of chillers)	dollars				00010	200	TIDDIN	
B. APPROPRIATION/BUDGET ACTIVITY COMMON SUPPORT EQUIPMENT	VITY NON SUPPORT EQU	PMENT		C. P-1 ITE	M NOMEN	C. P-1 ITEM NOMENCLATURE COMPHESSON, GAS TONDING A/M32A-95 NSN: 2835-01-390-1807YZ	OMPHESSO 4: 2835-01-3	H, GAS 90-1807	YZ YZ	ı
AIRCRAF! PROCONEMENT, COM						,	THAIL	Specs	SPEC	IF YES.
Cost Element	CONTRACTOR/ LOCATION	CONTRACT	CONTRACTED BY	AWARD DATE	PATE OF FIRST DELIVERY	QUANTILY	COST	AVAIL	REV REQ'D	WHEN
LISCHE LEVIL		& TYPE								
F796 F797	1887 1887	C/FFP OPTION OPTION	AFMC/SA-ALC AFMC/SA-ALC AFMC/SA-ALC	MAR 96 OCT 96	SEP 97 APR 98	2 132 240	347 136* 128*	YES	0 0 0	
	LIBBY CORPORATION KANSAS CITY, MO									

D. REMARKS
UNIT COSTS FOR FY96 AND 97 BASED ON FY94 CONTRACT QUANTITY/PRICE BREAK: FY96 - 71 TO 139 / \$135,713; FY97 - 201 TO 240 / \$127,697.

F-1 SHOPP LIST PAGE NO.

Exhibit P-5a Procurement History and Planning

UNCLASSIFIED

134

P-1 SHOPPING LIST	ITEM NO.	UNCLASSIFIED
α.		\supset

Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Transference Tran																				1				
1	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	TON SCHED	NI.E	<u>.</u>	2	MEIN							SCAL Y	EAR 96					180	L LEAN				4
CALEGORY VAN 96 24 24 24 24 24 24 24 2	MANES PROCUREMENT	S	1	-		Œ.	SCAL Y	SAR 85						CALEN	DAR YE	AR 96		-		ALEND.	AR YEAF	107		- 4
V C C C C C C C C C	YEAR	DON'S	3	+				CALEN	DAR YE	NA 95				2		-		+			F	L		æ
No. 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1		_	PROB	<u> </u>	2			747	3	AUG SEP C	CT NOV D	NA.	EB MAR	PRIMAY	NA YE	AUG SEP	₩ 100	V DEC	N N	MA APR	MAY JUN	X	SEP	
Mail S 0 0 0 0 0 0 0 0 0			100	8	NOV DEC	NY.					•	3	8		-			1	1	+	+		1	
No. 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120		-	0	2	+	+	+	-	+	-		F	C							-	+	\pm	8	=
Aug 5 0 2 do				132			+	+	+	+	-	-	-				Ö				-			240
The control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the				240			1	1	-	+	-	1	,		-						-		1	5
DMF 3 0 3 3 3 3 3 3 3 3			0	2			1	-	+	1	+	+) (-										3
7. 1. 322 0 322 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		<u> </u>		n			1		+	1	+		O .	+										
CTURETS NAME AND SEC 0 380 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							1	-	+	1	+		-	+										
STATE OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR OF THE COLOR									+		+	+	-	+	+							_		
322 0 322 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				-					-		+					+		-	-	-				
Saz O Saz O O O O O O O O O		-											-	-	1		+	+	-	-				
TUPLES SAME NO DO CO TO		+			+	F		-									1	+	+	1		+	\perp	
100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100					+	1	-	-				-						1	+	1	1	#	+	
CUDEFS NAME AND S82 O 322 O O O O O O O O O		-			+	-	-	+	+			-					_		-			1	+	
CTURETS NAME AND S22 S22 S22 S22 S23 S24 S25 S25 S25 S26 S26 S27 S27 S27 S27 S27 S27					+	1	+	+	+														-	
CUNERTS NAME AND 3.82 O 382 O 382 O 382 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						1	-	+	1	\downarrow		\perp		-										
CUNERS NAME AND 282 0 382 0 0 0 0 0 0 0 0 0						-	-	1	1	1														
CTURETS NAME AND PROD RATES REA. 382 0 382 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							-	1	1		1	+		+		+-			-					
CTURETS NAME AND PROD RATES REA- NOT MOVIDED JAN FEB JANF JAN JAN SEP DOT MOVIDED JAN FEB JANF JAN JAN JAN JAN JAN JAN JAN JAN JAN JAN			_								+	+		+		+	-	-	+				-	_
382 0 382 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							_					1	1	1	+	+	-	-		1	1	1	-	
382 0 382 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					-							_			1	1	-		+	+	+	-	+	L
382 0 382 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			_									1	1	1		+	+	+			+	+	+	1
382 0 382 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			-			-							1		+		-	-						
CURERS NAME AND PROD RATES REA AND OCT INOV DEC JAN FEB MAR AND INOV DEC JAN FEB MAR APR MAY JUN JUN JUN JUN DEC JAN FEB MAR APR MAY JUN JUN JUN JUN DEC JAN DEC JAN FEB MAR APR MAY JUN JUN JUN JUN JUN JUN JUN JUN JUN JUN		96					0			0	0	0	2						0					8
PROD RATES REA.	TOTAL	8				1	43	APR M	Y NOW	AUG SE	OCT NO	/ DEC JAN	FEB WA	A APR	JUN Y	UL AUG	SEP OCT	NOV DEC	JAN	NAR AP	R WAY JA	N.	AUG SE	
ADMIN LEAD TIME MANUFACTURING THE	MANUFACTURERS NAME AND	1000	9746	1				PROCU	REMEN	LEADTI	¥.			REMA	HKS:									
1 20 INITIAL PRIOCT AFTIOCT 18	LOCATION	3	3				¥	MINLE	D TIME	1	ACTURING	TOTAL	AFTER											
1 20 INTIAL 6 18		Z	XX.	용			18	1001	APT 1 OC			3												
FR 5	LIBBY CORPORATION KANSAS CITY, MO	-	-	0	INTIAL					-														
			+	-	REORD	FE	+		9	-	18		23											

IST			
I SNIGOTON A	105	TEM NO.	FINC ASSIT

97 97 97 CALENDAR YEAR 98 OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JA	CALENDAR YEAR 99 CALENDAR YEAR 99 LAN FEB MARIADR MAY JUN JUL AUG SEP OCT NOV DEC JAN	NOV DEC JAN FEB MAR APP MAY JUN JUL AUG SEP	C ⊢ M Œ
AR 98 AUG SEP OCT NOV DEC	CALENDAR YEAR 99 AN FEB MARIAPR MAY JUN JUL AUG SEP OC	FEB MAR APR MAY JUN JUL	
AUG SEP OCT NOV DEC	AN FEB MARAPR MAY JUN JUL AUG SEP OCT	FEB MAR APR MAY JUN JUL	
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	8		H
3			+
			+
			++
			.
			+
			+
			+
			+
			1
20 20 20 20 20 20 20 20	20 20 20 0 0 0 0 0 0	0 0 0 0 0 0 0 0	-
OCT NOV DEC JAN FEB MARIAPRIMAY JUN JUL AUGISEP OCT NOV DEC	JAN FEB MARIAPR MAY JUN JUL AUG SEP C	CT NOV DECLUAN FEB MARIAPR MAY JUN JUL AUG	SEP
THE PERSON NAMED IN COLUMN TO SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND	0 20 20 20 20 20 20 B MAY JUN JUL AUG SEP OCT NOV DEC	0 20 20 20 20 0 0 0 0 0 0 0 0 0 0 0 0 0	20 20 20 20 20 20 20 20 0 0 0 0 0 0 0 0

37

Exhibit P-20 Requirements Study

UNCLASSIFIED

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

APPROPRIATION / BUDGET ACTIVITY AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT	P-1 ITEM NOMENCLATURE: NSN: 2835-01-390-1807YZ	P-1 ITEM NOMENCLATURE: COMPRESSOR, GAS TURBINE, A/M32A-95 NSN: 2835-01-390-1807YZ
ASSETS On Hand as of 31 Mar 94 Due-in w/all Prior Years' Funds Due-in w/FY95 Funds TOTAL ASSETS:	1347	INVENTORY OBJECTIVE Number of Combat Loads Assets Required for Combat Loads Combat Expenditures War Reserve Requirement Annual Training
DISPOSALS (Planned & Projected thru FY96 FDP) FY95 since as of date: FY96: FY97:	0 0	Annual Testing Maintenance Pipeline Air Force Requirement Air National Guard Requirement Air Force Reserve Requirement
FY%: TOTAL DISPOSALS (48 MONTHS) PROCUREMENT LEADTIME: 18 months	0	TOTAL REQUIREMENT APPROVED ACQUISITION OBJECTIVE
NET ASSETS:	1349	PROCUREMENT REQUIREMENT
ACTUAL TRAINING EXPENDITURE FY95 FY94 FY93		lordi FYYo Kequirement Less Net Assets Required FY96 Procurement Planned FY96 Procurement
FY92 FY91		Total FY97 Requirement

1664

1664

398

1864 1349 315 132

> REMARKS: VARIANCE BETWEEN FY96 REQUIRED AND PLANNED PROCUREMENT DUE TO PRODUCIBILITY. P-1 SHOPPING LIST TEM NO.

UNCLASSIFIED

Required FY97 Procurement Planned FY97 Procurement

Less FY96 Planned Proc

ACTUAL OTHER THAN TRAINING EXPENDITURE

FY95 FY94 FY93 FY92

Less Net Assets

PAGE NO. 1 OF 2

36

PAGE NO. 2 OF 2

Exhibit P-20 Requirements Study

UNCLASSIFIED

DATE: FEBRUARY 1995 REQUIREMENTS STUDY

P-1 ITEM NOMENCLATURE: COMPRESSOR, GAS TURBINE, A/M32A-95

NSN: 2835-01-390-1807YZ

Assets Required for Combat Loads

War Reserve Requirement

Annual Training Annual Testing

Combat Expenditures

132 1481

Number of Combat Loads

1347

INVENTORY OBJECTIVE

T EQUIPMENT DIATION / BIIDGET ACTIVITY

APPROPRIATION / BUDGET ACTIVITY AIRCRAFT PROCUREMENT, COMMON SUPPOR	ASSETS On Hand as of 31 Mar 94 Due-in w/all Prior Years' Funds Due-in w/FY96 Funds
APPROPRIV AIRCRAFT PR	ASSETS On Hand as of Due-in w/all Pri Due-in w/FY96

Ö	
FY97	
1	
Pet	
rojec	
45	-
) Jec	TOTA
Pa	-
ALS	.
Sos	
SIC	1

s of date	:		
FY96 since as of	FY97:	FY98:	FY99:

	Ş
	5
	DOC
	Dieb
 F/00	TOTAL

NET ASSETS:

ACTUAL TRAINING EXPENDITURE FY93 FY95 FY94 FY96

421

1672

1251

1672

APPROVED ACQUISITION OBJECTIVE

TOTAL REQUIREMENT

230

PROCUREMENT REQUIREMENT

1251

otal FY97 Requirement

ess Net Assets

Required FY97 Procurement

Planned FY97 Procurement

1672

1043

Air National Guard Requirement Air Force Reserve Requirement

Maintenance Pipeline Air Force Requirement

FY92

FY96	FY95	FY94	007
A			

Required FY98 Procurement

Less FY97 Planned Proc

Less Net Assets

Total FY98 Requirement

Planned FY98 Procurement

REMARKS: VARIANCE BETWEEN FY97 REQUIRED AND PLANNED PROCUREMENT DUE TO PRODUCIBILITY.

P-1 SHOPPING LIST TEM NO.

UNCLASSIFILE STIFICATION	OMENCLATURE	5	EV 1998 FY 2000 FY 2001	0 0	\$19.311 \$0.000 \$0.000 \$0.000 \$0.000	
UNCLASS BUDGET ITEM JUSTIFICATION	(EXHIBIT P-4(APPROPRIATION/BUDGET ACTIVITY	AIRCRAFT PHOCUMEMENT, COMMISSION OF THE PROCESSION OF THE PROCUMENT, COMMISSION OF THE PROCESSION OF T	FY 1994 FY 1995 FY 1996	29 5	COST (In Mil) \$3.482 \$41.270 \$9.076

monitor, rate turn table, cables, air cylinder and nitrogen. This tester will perform parametric testing for troubleshooting and repair of F-15 line replaceable units (LRU). It will also provide ambient air cooling to the unit under test and will examine and provide discrete evaluation of the overall performance of the systems A. DESCRIPTION/FUNCTION: The F-15 Downsized Tester will be highly mobile and will be comprised mainly of electronic components such as a computer controlled memory unit, a signal generator converter, converter interface, air supply cooler, printer, pneumatic generator and controlled assembly, television adapters, documentation and cables are required as an interface between the tester and the aircraft's LRUs. The downsized tester will have increased and subsystems for the antenna, fire control, flight control and telemetering systems. Test program sets (TPS) which consist of software, interface test reliability and maintainability and will reduce test times.

lieu of 22 pallets required by the current AIS. It also only takes 90 minutes to depalletize, set-up and begin testing of the line replaceable units (LRUs) versus B. PURPOSE OF PROCUREMENT: The existing F-15 Avionics Intermediate Shop (AIS) developed in the early 1970s contains many electronic components which are no longer available. Procurement of the downsized tester will eliminate a major cause of downtime thereby increasing aircraft readiness. Also, the F-15 operational capability will be enhanced because of the tester's ease in deployment. This tester is a stand-alone system requiring one pallet to deploy in 30 hours for the current AIS. No forklift or special equipment is required to set up the downsized tester. The average age of the existing testers is 20 years. Airlift dollars and overall logistics costs will be reduced after the Downsized Tester fielding.

C. APPLICATION: F-15 Aircraft

D. REQUIREMENTS: FY96 - 5 shortages FY97 - 12 shortages

malfunctions requiring testing and repair. The older test stations are becoming unable to accommodate the workload and are subject to malfunctioning which, AIS is the impact on the maintainability of the aircraft. The F-15 would eventually be unable to sustain sortie operations due to the backlog of aircraft system E. IMPACT: The cost of maintaining the aging AIS test stations is approximately \$26 million annually. The most critical aspect of attempting to maintain the in turn, increases the number of grounded aircraft. Also, ACC's requirement for a truly mobile tester cannot be met by modifying the AIS which is now technologically outdated. This downsized tester will significantly reduce supportability requirements.

PAGE NO.		
P-1 SHOPP LIST	ITEM NO.	

	WE	NOON	SYSTE	WEAPON SYSTEM COST AN	ANALYSIS EXHIBIT (P-5)	S EXHIB	IT (P-5)				D. DATE FEB	ATE FEBRUARY 1995	1995
A. APPROPRIATION/BUDGET ACTIVITY	ACTI	VITY	B. WE	(Cost in thousands of dollars) B. WEAPON MODEL/SERIES/ POPULAR NAME	of dollars JSERIES	POPUL	AR NAME	03	C. MANUF	C. MANUFACTURER NAME/PLANT/ CITY/STATE LOCATION	NAME/P	LANT/CI	TY/STATE
TITLE/NO. AIRCRAFT PROCUREMENT, COMMON	OMM	N O	F-15 D(F-15 DOWNSIZED TESTER NSN: 4920-01-355-4478DQ	TESTER -4478DQ			6 B	GRUMMAN AER BETHPAGE, NY	GRUMMAN AEROSPACE CORPORATION BETHPAGE, NY	ICE CO	RPORATI	NO
SUPPORT EQUIPMENT	ğ					1	·		FY 1996	œ		FY 1997	76
Elements	3000		FY 1994	994		TINO	2	250	UNIT	TOTAL COST	ΔI	COST	TOTAL COST
		ΔI	COST	TOTAL COST	OTV	COST	TOTALCOSI	5	1				
F-15 DOWNSIZED TESTER	<	_	467	ю́	49	732	21,214	5 44	761	3,803 4,929	32 28	139	10,003 4,447 738
TECHNICAL DATA SYSTEMS ENG (PHASE 4)	•			210			2,862				88	85	3,123
TPS (PHASE 4)				3,482			41,270			9,076	-		18,311

	١	
	ı	
	۱	
	١	
	١	Ш
_	-	U.
	1	u
		U
		4
		-
		C
		Z

PAGE NO.

P.1 SHOPP LIST ITEM NO.

Exhibit P-5 Weapon System Cost Analysis

Exhibit P-5a Procurement History and Planning

		ONO	UNCLASSIFIED	IED EXHIRIT	P-5A)			A. DATE	A. DATE	
BUDGE	BUDGET PROCUREMENT HISTORY PLANNING EXTERNING	HISTORY						- Carrie		
TO A TIO	VIITV			C. P-1 ITE	M NOME	VCLATURE	C. P-1 ITEM NOMENCLATURE F-15 Downsized Tester NSN: 4920-01-35	ownsized Tester NSN: 4920-01-355-4478D©	ster I-355-44	478D
B. APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, COMMON SUPPORT	T, COMMON SUPP	ORT EQUIPMENT	ENT					2000	238	IF YES.
Cost ELEMENI/	CONTRACTOR/	CONTRACT	CONTRACTED	AWARD	DATE OF FIRST	QUANTITY	COST	AVAIL	REV REQ'D	WHEN
FISCAL YEAR	LOCATION	& TYPE			DELIVERT			-		_
FY93 FY94 (TPSs ONLY) FY95 FY95 FY96 FY96 FY96 (TPSs ONLY) FY97 FY97 FY97 (TPSs ONLY) FY97 (PPSs ONLY)	GRUMMAN GRUMMAN GRUMMAN GRUMMAN GRUMMAN GRUMMAN GRUMMAN	OPTION OPTION OPTION OPTION OPTION OPTION OPTION	AFMC/SA-ALC AFMC/ASC AFMC/ASC AFMC/ASC AFMC/ASC AFMC/ASC AFMC/ASC AFMC/ASC AFMC/ASC AFMC/ASC	FEB 94 FEB 95 FEB 95 NOV 95 NOV 95 NOV 96 NOV 96 NOV 96	JUL 95 JAN 96 JUN 96 MAR 97 MAY 97 MAY 97 JUN 97	7 7 28 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	828 467 732 374 761 112 835 139 82	YES YES YES YES YES YES YES YES	99999999	
	GRUMMAN AEROSPACE CORP BETHPAGE, NY									

PAGE NO. UNCLASSIFIED P-1 SHOPP LIST ITEM NO. D. REMARKS UNIT COSTS ARE BASED ON FY 92 CPIF/FPI NEGOTIATED CONTRACT VALUE.

Page 1 of 1 Pages Exhibit P-21 Production Schedule

		9	TEL	A THEM MOMENC! ATURE: F-16 DOWNSIZED TESTER	AC AT	URE	-16 00	MNSIZE	0 1691										ľ	1	1000			د
SCHEDULE	TION SCHEDULE			N CME	5							FISCA	FISCAL YEAR 98	98					Œ	FISCAL YEAR W	AH O			<
TEMAKE PROCUREMENT	S Proce Acces BA	1			FISC	FISCAL YEAR 95	H 95				-		1	END	CAL ENDAR YEAR 96	B 96				CALE	CALENDAR YEAR 97	EAR 07		- u
YEAR	3	1	70	70			ALEN	CALENDAR YEAR 95	H 95		-		3			+		+	F				010	« «
	V 1-04 1-04	1.00	CT	DEC	N	MARAP	I AVA	N.	UG SEP	10d 10d OCT NOV DEC JAN FEB MAR APR MY JUN JUL, AUG SEP OCT NOV DEC JAN	DECLAN	FEB	RAPR	MAY JUI	701	NO SE	20	OV DEC	N N	8	FEB IMARIAPRIMAY JUN JUL. AUG SEP OCT MOVIDEC JAN FEB MARIAPRIMAY JUN JUL.	200	3	
	AF 7 0	7			4	+	#	-	+	+	+	1	F	+	6	-	6	9	6	3				
	0 00	20	_		ပ			4	1	-	+	1	1	+	1_		1_	L	_	-	•		_	
FY95	3		+		F				_	υ			-	1	1	+	1	+	1	+	1		-	١.
FY96	AF 6 0		+	#	F	1	F	F	F							-		O	1	1	~	6	20	1
FY07	AF 12 C	12	+	#	+	1	1	F	-									-		1	-	+	+	+
			+	1	+	1	1	F	+	-			-					\dashv	\Box	7	-	+	\pm	+
			+	#	+	1	1	+	-				-					+		7		+	1	+
			+	1	+	1	-	+	-				-			_			1	7	+	1	1	+
			+	1	+	1	+	+	+	1	1		-											+
				1	+	1	-	+	+	+	1	1	+	1										-
					+	\downarrow	\blacksquare	+	+	+	#	1	+	1	+		+							-
					-			+	1	+	#	-	+	1	+		-		-					-
					+	#	4	+	+	+	#	1	+	1	+		-		-					\dashv
					\dashv	_	+	+	+	+	+	1	+	1	+		-		-					
					1	1	+	+	#	+	#	F	1	T	+		-		-					\dashv
						1	+	1	+	+	#	T	+	1	+	1	+		-					
							-		1	+	#	-	1	1	+	1	+		-					
							-			#	1	+	1	1	+	1	+	1	+					
		-							_	1	#	+	1		+		+	1	+					
							+	\pm	#	1	1	+	1	-		1	+		+				-	
							+		1	+	+				+		-		-	6	6	6	6	-
TOTAL	8	8	0	0	0	0	0	0	0	0	0	0		0	7)	2	2	2	2					
			8	OCT NOV DEC JAN FEB	JAN F		APR NA	JUN JU	L AUG S	MARIAPRIMALIUM JUL. AUG SEEP OCT HOVIDEC LAN FEEB MARIANE WAT JUN JUL. AUG SEP OCT HOVIDEC LAN FEEB MARIAPRIMAY JUN JUL. AUG SEP OT CONTRACT PERMANANCE OF 7 IN JUL 65 BASED ON CONTRACT	ON DEC	AN FEB	MARA	PR MAY	CS: SO	ILIVER	Y VAR	ANCE	DEC JA	JUL 95	BASED (100 NO	UL AUGI	a.
MANUFACTURER'S NAME AND	DOCO DATES	900					300	EMEN	PROCUREMENT LEAD TIME	ME				AGREEMENT.	MENT.									
ГОСАТІОН	MAN MAN		*			1	1 to 1	ADMIN LEAD TIME	١.	MANUFACTURING TOTAL AFTER TIME OCT	<u> </u>	L AF	<u> </u>											
GRUMMAN AEROSPACE						É	1301	3			+		T											
CORPORATION BETUBAGE NV			MEN	₹					4		+	5												
מניים ביים		1		010010				-		*		-												١

UNCLASSIFIED

P-1 SHOPPING LIST ITEM NO. UNCLASSIFIED

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

P-1 ITEM NOMENCLATURE: F-15 DOWNSIZED TESTER

NSN: 4920-01-355-4478DQ

	DMENT	
≥	DET EGIII	JA I
ACTIVII	Section 15	L SOLL
A BEDOED ATION / BUDGET ACTIVITY		MENT, COMMON SUPPORT ENDS
8 / NO	1	AJRCRAFT PROCUREMENT, CON
ApplaT		AFT PROC
DDD.	ALL Y	LEC R

DISPOSALS (Planned & Projected thru FY96 FDP) FY95 since as of date:	FY96:	FY97:	FY98:	FY99:	TOTAL DISPOSALS (37 MONTHS)	PROCUREMENT LEADTIME: 17 months
-------------------------------------------------------------------------	-------	-------	-------	-------	-----------------------------	---------------------------------

CTUAL TRAINING EXPENDITURE					
ACTUAL TR	FY95	FY94	FY93	FY92	5

NET ASSETS:

ACTUAL OTHER THAN TRAINING EXPENDITURE	FY95	FY94	FY93	FY92
----------------------------------------	------	------	------	------

FY91 REMARKS: VARIANCE BETWEEN FY96 REQUIRED AND PLANNED PROCUREMENT DUE TO PRODUCIBILITY.

		1 1	1111	1111
INVENTORY OBJECTIVE Number of Combat Loads Assets Required for Combat Loads Combat Expenditures War Reserve Requirement Annual Training Annual Testing	Maintenance ripeiirie Air Force Requirement Air National Guard Requirement Air Force Reserve Requirement	TOTAL REQUIREMENT APPROVED ACQUISITION OBJECTIVE	PROCUREMENT REQUIREMENT Total FY96 Requirement Less Net Assets Required FY96 Procurement Planned FY96 Procurement	Total FY97 Requirement Less Net Assets Less FY96 Planned Proc Required FY97 Procurement Planned FY97 Procurement
0 12 24 14	00	0	41	

28

88 - - - 8

P-1 SHOPPING LIST ITEM NO.

UNCLASSIFIED

PAGE NO. 1 0F 2

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT APPROPRIATION / BUDGET ACTIVITY

ar 94	ars' Funds	S	
ASSETS On Hand as of 31 Mar 94	Due-in w/all Prior Years' Funds	Due-In w/FY96 Funds	SETS:
ASSETS On Hand	Due-In W	Due-In w	TOTAL ASSETS:

pojected thru FY97 FL		
ISPOSALS (Planned &	496 since as of date:	

FY97: FY98:

FY99:

FY00:

PROCUREMENT LEADTIME: 7 months TOTAL DISPOSALS (41 MONTHS)

NET ASSETS:

ACTUAL TRAINING EXPENDITURE FY96

FY94 FY93 FY95

FY92

ACTUAL OTHER THAN TRAINING EXPENDITURE FY96

FY95 FY94

FY93

REMARKS:

P-1 ITEM NOMENCLATURE: F-15 DOWNSIZED TESTER INVENTORY OBJECTIVE NSN: 4920-01-355-4478DQ

					8	α		58	58		88	12	10							
Number of Combat Loads	Assets Required for Combai Educa	Wor Reserve Requirement	Annual Training	Annual Testing	Maintenance Pipeline	Air Face requirement Air National Guard Requirement	Air Force Reserve Requirement	TOTAL REQUIREMENT	APPROVED ACQUISITION OBJECTIVE	SOCIED MENT DEDITION	Total FY97 Requirement	Less Net Assets	Required FY97 Procurement	Planned FY97 Procurement	Total FY98 Requirement	Less Net Assets	Less FY97 Planned Proc	Required FY98 Procurement	Planned FY98 Procurement	
0	4	o 8	2		0	0		0		46										

P-1 SHOPPING LIST ITEM NO.	UNCLASSIFIED
-------------------------------	--------------

PAGE NO. 2 OF 2

Exhibit P-20 Requirements Study

BUDGET ITEM JUSTIFICATION EXHIBIT P-40

microwave measurement unit, power control unit, power supply unit, storage units, blower unit, refrigeration unit, frequency changer unit and optical test bench. A. DESCRIPTION/FUNCTION: The Improved Avionics Intermediate Shop (IAIS) is a controlled test station that provides performance and diagnostic testing of (hangar/tent) and operates on four different power sources. It consists of an interface unit, control and display unit, instrument units, microwave stimulus unit, F-16 avionics line replaceable units (LRUs). The IAIS is mobile (fits on one pallet and is two man portable), does not require controlled environment

B. PURPOSE OF PROCUREMENT: The IAIS will replace the F-16 full size avionics intermediate shop (AIS) test stations which are 16 years old and are becoming obsolete and unsupportable due to outdated technology and disappearing vendors.

C. APPLICATION: F-16 aircraft

D. REQUIREMENTS: FY96 - 8 replacements FY97 - 8 replacements

difficult using obsolete and outdated support equipment. These aircraft will eventually be unable to participate fully in sorties on a sustainable basis due to the backlog of aircraft system malfunctions requiring testing and repair. The older test stations are becoming unable to accommodate the required testing and are subject to malfunctioning which in turn increases the number of grounded aircraft. This mobile tester will significantly reduce supportability requirements. E. IMPACT: The cost of maintaining the aging AIS test stations has become uneconomical. Maintainability of the F-16 aircraft is becoming increasingly

F. TYPE ITEM: A

P.1 SHOPP LIST ITEM NO.	PAGE NO.	
בו ו	NCLASSIF	FIED

0.0
L
in
S
U
4
0
LINCL

3	BUDGET PROCUREMENT HISTORY PLANNING EXHIBIT (P-5A)	T HISTORY	PLANNING	EXHIBIT (P-5A)			FEBRUAR	FEBRUARY 1995	
B. APPROPRIATION/BUDGET ACTIVITY A 15CPA ET PROCUREMENT CC	INS NOWWO	Cost in thousands of collection	ENT	C. P-1 ITE INTERME	M NOMER	ACLATURE P NSN: 49	C. P-1 ITEM NOMENCLATURE F-16 IMPROVED AVIONICS INTERMEDIATE SHOP NSN: 4920-01-339-9212WF	/ED AV	IONICS	
AIRCROIL							THAIL	SPECS	239	IF YES.
COST ELEMENT/ FISCAL YEAR	CONTRACTOR/ LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	COLANIIIY	COST	AVAIL	REO'D	WHEN
	GENERAL DYNAMICS GENERAL DYNAMICS GENERAL DYNAMICS GENERAL DYNAMICS	SS/FP OPTION SS/FP OPTION	AFMC/ASC AFMC/ASC AFMC/ASC AFMC/ASC	FEB 95 FEB 95 MAY 96 JAN 97	AUG 96 DEC 96 AUG 97 APR 98	0 0 to to	6,000, 6,000, 6,000,	YES YES YES	9999	
	GENERAL DYNAMICS SAN DIEGO. CA								·	

D. REMARKS
UNIT COSTS BASED ON ENGINEERING ESTIMATE.

P-1 SHOPP LIST PAGE NO.

Exhibit P-5a Procurement History and Planning

Page 1 of 2 Pages Exhibit P-21 Production Schedule

P-1 SHOPPING LIST TEM NO. UNCLASSIFIED

		TO THE PLANT OF THE PARTY OF	CHE, L'IN WILL STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STA				10.1		
STATES THE PRODUCTION SCHEDULE	ION SCHEDULE	P-1 11 EM NOMENOCO	20 G4 LA	FISCAL Y	m		TION TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME TO THE TIME T	1000000	< h
TEMMEG PROCUREMENT S	PROC ACCPT BAL	HISC	FISCAL TEAM VS	B 05	CALEND	CALENDAR YEAR 96	CALENDA	CALENDAH YEAR V	- ш
YEAR	OTY PRIOR	94 94	Checker			III A 10 SEP OCT NOV DEC	HOW DEC JAN FEB MAR APR MAY JUN JUL	MAY JUN JUL AUG SEP	2
>	20	1-00 OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	AR APR MAY JUN JUL	AUG SEP OCT NOV DEC JA	JAN FEB WAN ACT	-			
AF.	2	U		+			-		
	2 0	C C						-	
	0	8		+	,		υ		
	0	8			+				
FY07									
									\vdash
									-
									\dashv
									-
				+					-
									-
			+						-
									-
			+	-	1	0	1 0 1 0 1	0 0 0 0	-
TOTAL	0 02	20 0 0 0	0 0 0	0				2	0.
		OCT NOV DEC JAN F	EB MAR APR MAY JUN J.	UL AUG SEP OCT MOVIDE	C JAN FEB MAR APR MA	Y JUN JUL AUG SEP O	OCT NOVIDEC JAN FEB MARIAPRIMAY JUIN JUL AUG SEP OCT NOVIDEC LAN FEB MARIAPRIMAR APRIMARY JULI AUG SEP OCT NOVIDEC LAN FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MARIAM TOTAL FEB MA	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	1
MANUFACTURER'S NAME AND	a STES	- F-F-	PROCUREMEN	T LEAD TIME					
LOCATION	200		m .	MANUFACTURING TOTAL AFTER 1	OTAL AFTER 1				
GENERAL DYNAMICS	100		PR 1 OCT AFT 1 OCT						
SAN DIEGO, CA		INTIAL							
	_		1	ň	22				

UNCLASSIFIED

Page 2 of 2 Pages Exhibit P-21 Production Schedule

	10.4 TEM NOMENCLATURE: F-16 IMPROVED AVIONICS INTERMEDIALE SHOP	NIERMEDIA IE SHOF	CIECAL VEAD ON	
FY96.97 PRODUCTION SCHEDULE	EISCAL VEAR 98	FISCAL YEAR 99	FISCAL TEAN W	<
N HONDON CONTRACTOR		CALENDAR YEAR 99	CALENDAR YEAR 00	- ш
TEMMANUFACIONEM PROCONEMINE	78 78 78		\$	
<u> </u>	Ş	OV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT	FEB MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPH MAY JUN JUL AUG SEP	
				_
				-
FY96				-
FY97				+
				+
				\dashv
				+
				-
				-
				_
				_
				6
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 0 0 0 0 0 0		,
TOTAL	Date of the	ALCOLING MARIAPH MAY JUN JUL AUGISEP OCT MOVIDEC LAN FEB MARIAPH JUN JUL AUGISEP	OCT NOVIDEC JAN FEB MARIAPR MAY JUN JUL AUG	Q)
	OCT MOVIDECIJAN FEB MARIAPRIMAY JUNIJUL JAUGISEF JOCH			
REMARKS				

UNCLASSIFIED

P-1 SHOPPING LIST ITEM NO. UNCLASSIFIED

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

			6
APPROPRIATION / BUDGET ACTIVITY	P-1 ITEM NOMENCLATURE: F-16 IMPROVED AVIONICS INTERMEDIATE SHOP NSN: 4920-01-339-9212WF	IONICS INTERMEDIATE SHO	5
AIRCRAFT PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSION OF THE PROCUREMENT, COMMISSIO	INVENTORY OBJECTIVE		
ASSETS CONTROL OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET OF STREET O	Number of Combat Loads Assets Required for Combat Loads	Loads	
On Hand as of of man of Due-In w/all Prior Years' Funds	Combat Expenditures	1 1	
Due-In w/FY95 Funds TOTAL ASSETS:	Annual Training	1	
Projected Projected thru FY96 FDP)	Annal Testing Anintenance Pipeline	1 1	
PISPOSALS (Training a Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property Property	Alr Force Requirement	+	
FY96:	Air National Guard Requirement	ilei i	
FY97:	All FOICE (GSGIVE NOTE)		
FY98:	TOTAL REQUIREMENT	•	
TOTAL DISPOSALS (37 MONTHS)			
PROCUREMENT LEADTIME: 18 months	APPROVED ACQUISITION OBJECTIVE	STECTIVE	
	PROCUREMENT REQUIREMENT	닐	
NEI ASSELS.	Total FY96 Requirement		
ACTUAL TRAINING EXPENDITURE	Less Net Assets		1
FY95	Required FY96 Procurement	← .	
FY94	Planned FY96 Procurement		1
FY93			
FY92	Total FY97 Requirement		l
FY91	Less Net Assets		

8

Total FY97 Requirement
Less Net Assets
Less FY96 Planned Proc
Required FY97 Procurement
Planned FY97 Procurement

ACTUAL OTHER THAN TRAINING EXPENDITURE

FY95 FY94 P-1 SHOPPING LIST ITEM NO.

REMARKS: VARIANCE BETWEEN FY96 REQUIRED AND PLANNED PROCUREMENT DUE TO PRODUCIBILITY.

FY93

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

P-1 ITEM NOMENCLATURE: F-16 IMPROVED AVIONICS INTERMEDIATE SHOP

NSN: 4920-01-339-9212WF

	Z	
	IT EQUIPME	
ACTIVITY	ON SUPPOR	
BUDGET	NT COMM	
ATION /	POLIDEME	Content
PPROPRI		ECKAL T

APPROPRIATION / BUDGET ACTIVITY ARCRAFT PROCUREMENT, COMMON SUPPLIERED	ASSETS On Hand as of 31 Mar 94 Due-in w/all Prior Years' Funds Due-in w/FY96 Funds TOTAL ASSETS:
APPRO AIRCRAF	On Ha Due-in TOTAL

DISPOSALS (Planned & Projected thru FY97 FDP) FY96 since as of date:
FY97:
FY98:
FY99:
FY00:
TOTAL DISPOSALS (49 MONTHS)
PROCUREMENT LEADTIME: 18 months

PAINING EXPENDITURE			
ACTUAL T	FY96	FY95	700

NET ASSETS:

FY94 FY93 FY93

2
<u>=</u> i
$\overline{\triangle}$
7
WI .
م
X
ш
(0)
>
Z
2
21
7
7
\Rightarrow
~
1
王
OI
_
4
3
=
O

FY93

u)	
5	
\exists	
Ź	
씸	
껇	
0	
Ž	
Z	
≲∣	
3	
I	
2	
甲	
E	
2	
4	
2	1
Q	١×

REMARKS:

171 3	8 8	20 12 12 8		
Number of Combat Loads Assets Required for Combat Loads Combat Expenditures War Reserve Requirement Annual Training Annual Testing Maintenance Pipeline Air Force Requirement Air National Guard Requirement Air Force Reserve Requirement	TOTAL REQUIREMENT APPROVED ACQUISITION OBJECTIVE	PROCUREMENT REQUIREMENT Total FY97 Requirement Less Net Assets Required FY97 Procurement Planned FY97 Procurement	Total FY98 Requirement Less Net Assets Less FY97 Planned Proc Required FY98 Procurement Planned FY98 Procurement	
0 0 0 0 0	0			

P-1 SHOPPING LIST ITEM NO.

UNCLASSIFIED

PAGE NO.2 OF 2

150

Exhibit P-20 Requirements Study

DATE FEBRUARY 1995

IFICATION 10) P.1 ITEM NOMENCLATURE Avionics Integrated Support Facilities (AISF)	FY 1998 FY 1999 FY 2000 FY 2001	9
BUDGET ITEM JUST (EXHIBIT P-	APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT FY 1997 FY 1996 FY 1996 FY 1996	GUANTITY \$14.510 \$4.750 \$7.860 \$11.000

requirements for these facilities are continuous in order to modernize and technologically update the equipment as changes to aircraft weapon systems occur. system's System Support Manager (SSM) to support operational flight programs (OFP) organically. The facilities provide all the necessary instrumentation to simulate flight conditions for mission essential changes to software for weapon system on-board computers/subsystems. This capability enables the weapon A. DESCRIPTION/FUNCTION: The Avionics Integrated Support Facilities (AISFs), located at each Air Logistics Center, provide a laboratory environment to collect and record engineering data during test flights and all the ground equipment necessary to perform data analysis of the collected data. Funding

- B. PURPOSE OF PROCUREMENT: The purpose of these procurements is to replace facility equipment which is no longer maintainable.
- C. APPLICATION: These AISFs support multiple weapon systems.
- D. REQUIREMENTS: Requirements at the Air Logistic Centers consist of multiple items, none of which the procurement value exceeds \$2 million.

development tools and test stands that simulate inflight environment for extensive testing of OFPs. Mission effectiveness of weapon systems depends on the essential. The Mission Critical Computer Resource (MCCR) software programs that control navigation and weapons delivery systems are designated as E. IMPACT: Since the AISFs provide vital resources needed to develop and test weapon system software modifications, these resources are mission accuracy and quality of its OFPs. If AISF equipment is not available to support OFP development and to test the OFPs, the aircraft weapon systems navigation and weapons delivery capabilities will be degraded thus adversely impacting the weapon system's mission effectiveness and flight safety operational flight programs. Changes to these OFPs are developed and tested in these facilities. The AISFs provide OFP engineers with software

PAGE NO.

			BUDGE	BUDGET ITEM JUSTIFICATION	STIFICATION			DATE: FEBRUARY 1995	RY 1995
	Aldrona	TION/BIIDGET AC	STIVITY		P-1 ITEM NOMEN	CLAIUNE MAINE	1730-01-249-00	97	
P-1 ITEM NOMENCIALORE	APPHOPHIA	POOLINEMENT.	COMMON SUPPO	AT EQUIPMENT		0007	FV 1999		FY 2001
P-1 ITEM NOMENCLAI UNE NSN: 1730-01-249-0097	AIHCHAL	7007	EV 1995	FY 1996	FY 1997	FT 1330		6	C
N SUPPORT EQUIPMENT FY 1997 FY 1998 FY 1999 FY 2000		FY 1994		0	c	~	0		
N SUPPORT EQUIPMENT P-1 ITEM NOMENCLATORE NSN: 1730-01-249-0097 NSU: 1730-01-249-0097 PY 1995 FY 1996 FY 1996 PY	QUANTITY	4	0	2,0,4	000	\$1.055	\$0.000	\$0.000	\$0.000
N SUPPORT EQUIPMENT P-1 ITEM NOMENCLAI OF EACH OF THE NOMENCLAI OF THE NORTH NOMENCLAI OF THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION TO THE NOTION T	ST (In Mil)	\$6.539	\$0.000	\$4.345	90.000	200:10			
N SUPPORT EQUIPMENT P-1 ITEM NOMENCLATORE MSII. 1730-01-249-0097 INSUPPORT EQUIPMENT P-1 ITEM NOMENCLATORE MSII. 1730-01-249-0097 FY 2000 1995 FY 1997 FY 1998 FY 2000 0 2 0 0 0 2 0 0 0 2 0 0 0 4.345 \$0.000 \$1.055 \$0.000									

extended to a maximum height of 125 feet and has a maximum horizontal reach of 60 feet when the boom is extended to 72 feet. Capacity of the platform is 1500 pounds. This platform is used to work on and to remove or to install the horizontal stabilizer on the C-5 and C-17 aircraft. It can also be used as a deicer on other A. DESCRIPTION/FUNCTION: The High Reach Maintenance Platform is a complete self-contained, hydraulically operated unit mounted on a truck type carrier. transmission. The aerial lift consists of main components such as a turret, inner and outer columns, inner and outer boom and a platform. The inner and outer boom and platform are assembled to form an integrated mechanical structure which provides vertical and horizontal movement. The boom assembly can be This item is equipped with a diesel engine which provides both vehicle drive power and hydraulic system power take-off from the vehicle drive automatic large aircraft. It contains a system which delivers deicing and defrosting fluids over external aircraft surfaces that are normally inaccessible.

B. PURPOSE OF PROCUREMENT: This Item is being procured to fill C-5 shortages which will allow the maintenance work requiring the boom capability to be accomplished.

C. APPLICATION: The High Reach Maintenance Platform supports the C-5 and C-17 aircraft.

D. REQUIREMENTS: FY96 - 3 shortages (C-5)

- 6 replacements (C-5)

E. IMPACT: Lack of this item will cause maintenance and deicing of the C-5 aircraft to be suspended until a High Reach can be borrowed from another base thereby increasing aircraft downtime.

F. TYPE ITEM: A

TEM NO.

UNCLASSIFIED

1		1
Ĺ	1	i
ī	ī	
ē		5
Č	J	į
•		ζ
		4
1	1)
	ì	ī
4	4	
		_

BUDGE	BUDGET PROCUREMENT HIST	IT HISTORY	TORY PLANNING EXHIBIT (P-5A)	EXHIBIT	(P-5A)			FEBRI	FEBRUARY 1995	995	
TOA THOUSAND		(Cost in thousands of dollars)	dollars	C. P-1 IT	EM NOME	ACLATURE	C. P-1 ITEM NOMENCLATURE MAINTENANCE PLATFORM, HIGH	CE PLA	TFORM,	H	
B. APPROPRIATION BUDGET ACTIVITY	CALCUSTON TEON	PURENT			THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE S	ACE INCI	TANT	CDECC	SPEC	IF YES.	
AIRCRAFT PROCUREMENT, COMMON SUPPORT EXCHANGE	ON SUPPORT EN	CONTRACT	CONTRACTED	AWARD	ш	QUANTITY	TSOS	AVAIL	REV	WHEN	
Cost Element	LOCATION	METHOD	BY	DATE	PIRST			MON	REQ'D	AVAIL	
1000		& TYPE						•			
	04/4	OA/FP	GSA	SEP 94	FEB 95	4	469	ON S	0 0		
FY94 FY96	UNKNOWN	OPTION.	AFMC/SA-ALC	MAR 96	OCT 96	6	20	3	2		
	8300 IMPERIAL DR										
	WACO, IX	_	-								

	Exhibit P-5a Procurement History and Planning	
	PAGE NO.	
.966	P-1 SHOPP LIST PAGE NO. ITEM NO.	
D. REMARKS • FYSE OPTION UNIT COST BASED ON FYSE (BP10) C/FFP CONTRACT TO BE AWARDED IN JUNE 1996.		

153

P-1 SHOPPING LIST ITEM NO. UNCLASSIFIED

				Pri i em nomenoral orici monta i) !!	MEN	5	j										1		1			LIC	FIGURE VEAD 07	A D 07			_	د
5 L	CTION	CHEDUL				1	FISCAL	YEAR 05	2					II.	FISCAL YEAR 96	YEAR	96			_			N N	A	AHA				<
ITEMMING PROCUREMENT	S r	PROC ACCPT BAL	BAL				200			1	3					V	CALENDAR YEAR 96	A YE	NH 96	-				CALE	NDAR	CALENDAR YEAR 97	20		- 4
YEAR	n a	OTY PRICE DUE	BUE	76	40			3	ENDA	CALENDAR YEAR 95	2	-	1			t	-		+	-		+	-		L			-	Œ
		8	Š.	OCT N	N DEC	JAN	B WAR	APR M	NO.	JUL AL	O SEP	1-00 OCT INOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT MOV DEC JAN	Z DEC	WAN FEB	BINAR	APA 3	NA TO	JUL -	AUG	8	MAR APR MAY JUN JUL AUG SEP OCT MOV DEC	<u>¥</u>	Z .	JAN FEB MARIAPR MAY JUN JUL	¥	3	3	ğ	
	14	=	-				2 2	8	2 2	8	2	1	1	+	1	1	+	T	+		#	+	+	1	+		H		
	1								O		_		1	N	2	~	2	2	~	2		+		1	+	1	╁		
FY95 (BP10 Initial)	1				-		-		_						ပ					-	~	~	2	1	+	1	+	1	
FY96	AF	•	0	1	+	1	+		-		-		F	-									-		\dashv		+	1	
	+	-	+	1	+	1	+		+		-				-		-						-		+	7	+	1	
	+	+	1	#	+	1	+	1	+	1	-				-								-		+		+	1	
	1	-	+	1	+	1	+	1	+	1	+				-			_		H			-		+	1	+	4	
		-	4		+	1	+	#	+		+	1	F		-		-	-		-			_						
					-		+	1	+	1	+	+	+	1	+	1	+	+		+	L		-		-				
					-		+	_	+		+	1	+	1	+	1	+	+		+	1		+		-				_
		_	•				-		\dashv	1	+	1	+	1	+	1	+	+	I	\dagger	+	1	+		+	-		-	
			-						\dashv		+	1	+	1	+	1	+	+	1	+	+	1	+	T	+	+		-	_
		-							\dashv		+	1	+	1	+	\perp	1	+	1	+	+		+	F	\dagger	-		-	_
			_						\dashv		+	1	+	1	+	\prod	1	+		+	+	1	+	F	+	+		+	1
									\dashv		\dashv		+	1	+	1	1	+	1	+	+	1	+	T		+		+	╄
		-	_								-	1	+	1	+	+		+	\bot	\dagger	+	1	+	-	1	+		+	-
		+	-										-			-		+	\bot	1	+	1	+	+	1	+	1	+	+-
	1	+	+	F	+				-		-							+	1		\dashv		+	+	1	+		+	-
	1	+	+						-							\dashv					+	1	\dagger	+		+	1	+	-
		+	-												+	-		+	+		+			+		+	1	+	+
	1	-	+												+	-		+	-		+	1		+					+ .
TOTAL		42	0	42 0	0	0	8	2	~	2 2	8	0	0	0	8	2	2	2	2 2	7	~	2 2	N	0	0	0	0	0	0
				8	OCT NOV DEC JAN FEB	ECUAN	EB M	APA	MAY JI	Z Z	AUG SE	MARIAPRIMAY JUNI JULI AUGISEP OCT HOW DEG JAN FEB MARIAPRIMAY JUNI JULI AUGISEP OCT HOW DEG JAN FEB MARIAPRIMAY JUNI JULI, AUGISEP	NOV DE	C CAN	FEB	ARAP	NAA Y	JUN JE	IL AUG	SEP	OCT NO	W DEC	NA.	EB MA	APR	MY JUI	N JUL	NO SE	
MANUFACTURER'S NAME AND	Ä	PROD RATES	SHEA					PRO	E CHE	MENT	EADT	ME	9	TOTAL ACTED	1	1		į											
OCATION	2	XX	3	å H				ADMIN LEAD LIME	9 1	O IIME	TIME	TIME	0	500															
UNKNOWN		+	2	Z	INITIAL		<u>- 1</u>	8		3			+																
	_	_	_				1		+		1	,	1		5	Γ													

UNCLASSIFIED

Page 1 of 1 Pages Exhibit P.21 Production Schedule

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

APPROPRIATION / BUDGET ACTIVITY ARCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT	P-1 ITEM NOMENCLATURE	P-1 ITEM NOMENCLATURE: MAINTENANCE PLATFORM, HIGH REACH NSN: 1730-01-249-0097	
ASSETS On Hand as of 31 Mar 94 Due to with Prior Years' Funds	37	INVENTORY OBJECTIVE Number of Combat Loads Assets Required for Combat Loads	
Due-in w/FY95 Funds TOTAL ASSETS:	51	Combat Expenditures War Reserve Requirement Annual Training	5
DISPOSALS (Planned & Projected thru FY96 FDP) FY95 since as of date: FY96:	12 8	Annual Testing Maintenance Pipeline Air Force Requirement	52
FY97: FY98:		Air Force Reserve Requirement	\$
FY%: TOTAL DISPOSALS (31MONTHS) PROCUREMENT LEADTIME: 13 months	20	TOTAL REQUIREMENT APPROVED ACQUISITION OBJECTIVE	61
NET ASSETS:	31	PROCUREMENT REQUIREMENT	5
ACTUAL TRAINING EXPENDITURE FY95 FY94 FY93		Total FY96 Requirement Less Net Assets Required FY96 Procurement Planned FY96 Procurement	88 30 80
FY92 FY91		Total FY97 Requirement Less Net Assets	
ACTUAL OTHER THAN TRAINING EXPENDITURE FY95 FY94		Less FY96 Manned Proc Required FY97 Procurement Manned FY97 Procurement	
FY93 FY92			
FY91 REMARKS: NINETEEN OF THE TWENTY ONE REMAINING QUANTITY TO BE PROCURED ARE INITIAL SHORTAGES WHICH WILL BE PROCURED AS PART OF THE WEAPON SYSTEM (BP10). PART OF THE WEAPON SYSTEM (BP10).	TITY TO BE PRO P-1 SHO	DE PROCURED ARE INITIAL SHORTAGES WHICH WILL BE PROP. 1 SHOPPING LIST	OCURED AS PAGE NO.1 OF 1 55

UNCLASSIFIED

Exhibit P-20 Requirements Study

DATE: FEBRUARY 1995

		FY 2000 FY 2001	0000	\$0.000	
	P-1 ITEM NOMENCLATURE C-5 Empennage Stands	7 FY 1998 FY 1999	0	\$0.000	
BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	L	SUPPORT EQUIPMENT		\$0,000	
	A PERCENSIATION BUDGET ACTIVITY	AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT	FY 1994 FT	QUANTITY 0	ST (in Mil) \$0.000 \$C

personnel to remove, install, and inspect all empennage (aircraft structure consisting of the horizontal and vertical stabilizers) accessories and flight controls of A. DESCRIPTION/FUNCTION: The C-5 Empennage Stand is a self-propelled maintenance platform that contains six working levels including a horizontal platform at the upper level. The stand is 71 feet 9 inches tall and is 76 feet 8 inches wide. It is designed to provide access to all inspection points to allow the C-5 aircraft.

B. PURPOSE OF PROCUREMENT: To provide replacement of several stands that were originally bought with the first C-5 aircraft. These stands are quickly reaching the end of their 20 year service life. Continued use will require costly repairs to ensure a safe, reliable stand is available. One shortage needs to be filled for an Air Force Reserve unit converting to C-5s.

C. APPLICATION: This maintenance platform supports C-5 aircraft.

D. REQUIREMENTS: FY96 - 1 shortage

2 replacements

impossible to perform. Many critical inspections, repairs and time compliance technical order requirements would not be able to be accomplished, ultimately E. IMPACT: The C-5 Empennage Stand is essential to the maintenance reliability of the C-5 aircraft fleet and the safety of those maintenance personnel required to work at the great heights associated with the empennage. Without this platform, safe, reliable, timely, and efficient maintenance would be grounding the Air Forces heavy airlift transport fleet.

F. TYPE ITEM: A

PAGE NO. P.1 SHOPP LIST ITEM NO.

157

	PAGE NO.
	P-1 SHOPP LIST PAGE NO.
D. REMARKS • FYGE UNIT COST BASED ON JAN 88 CONTRACT INFLATED BY FYGE INDICES.	
0.	

		IF YES, WHEN AVAIL	-	FEB 95	
1995		IF YES, WHEN AVAIL	-	<u> </u>	
DATE FEBRUARY 1995	QN	SPEC REV REQ'D		YES	
A. DATE FEBR	GE ST	SPECS		Q.	
	C. P-1 ITEM NOMENCLATURE C-5 EMPENNAGE STAND	UNIT		652	
	SLATURE C.	QUANTITY		пп	
(P-5A)	M NOMEN	DATE OF FIRST	DELIVERY	AUG 97	
ED EXHIBIT	C. P-1 ITE	AWARD		JAN 88 JAN 96	
UNCLASSIFIED BY PLANNING EXI	dollars)	CONTRACTED		AFLC/SA-ALC AFMC/SA-ALC	
UN T HISTORY	(Cost in thousands of dollars)	PMENT	& TYPE	FFP C/FFP	
UNCLASSIFIED STORY PLANNING EXHIBIT (P-5A)	(A)	ON SUPPORT EQUI	LOCATION	ATCKISON UNKNOWN	1801 WEST GLADSTONE ST AZUSA, CA
	BUDGE	B. APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACT	FISCAL YEAR	FY87 FY96	

UNCLASSIFIED

Exhibit P-5a Procurement History and Planning

Traver's property responsibility Traver's property Traver's				A T THIBENINAGE STAN		DATE: FEBRUARY 1995	
1.0de 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.			P-1 ITEM NOMENCLAIL	JAE: C-3 EMI ENIMAGE		3 06	FISCAL YEAR 97
3 1 1 1 1 1 1 1 1 1	FYSEAT BUDGET PRODUCT		FISCA	L YEAR 95	TISCAL IS	20 DATA CARDE	CALENDAR YEAR 97
Note 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	AMFG PROCUREMENT S	PROC ACCPT BAL	-	CALENDAR YEAR 95	O	-	
TAL. 3 0 3 TAL. 3 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 0 TAL. 3 0 0 TAL. 3 0 0 TAL. 3 0 0 TAL. 3 0 0 TAL. 3 0 0 TAL. 3 0 0		10	94 94 94 OCT NOVIDEC JAN FEB	ARI APRIMAY JUN JUL AUG SEP	OCT NOV DEC JAN FEB MARAPR	MAY JUN JUL AUG SEP OCT NOV	3 10
CTURERS NAME AND PROD RATES REA- MAN MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA-	V	0					
CTURERS NAME AND PROD RATES REA- MAN MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH DA- MAX CH D							
CTURERS NAME AND PROD RATES REA- NAM		+					
CTURERS NAME AND PROD RATES REA- OCT NOVIDEG LAN MAX CH DA INTIAL REORDER				+		-	
CTURENS NAME AND PROD RATES REA- OCT NOVIDEG LAN MAX CH DA INITIAL REORDER							
CTURERS NAME AND PROD RATES REA- MM MM CH DEC.IAN MM CH DA MM C		+					
CTUREN'S NAME AND PROD RATES REA. NAM MAY CH D. NAM MAY CH D. NAM MAY CH D. NAM MAY CH D.							
CTURENS NAME AND PROD RATES REA- MAN MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY CH DA- MAY							
CTURERS NAME AND PROD RATES REA- MAN MAX CH DA- MINTIAL REORDER			+				
CTUREN'S NAME AND PROD RATES REA. NAM MAX CH DO O O O O O O O O O O O O O O O O O O							
CTURENS NAME AND PROD RATES REA- NAM MAX CH DA- NAM							
CTUREN'S NAME AND PROD RATES REA- OCT NOV DEC LAN MAX CH D- OCT NOV DE			+				
CTURERS NAME AND PROD RATES REA- MM MAX CH DA- MM M M M M M M M M M M M M M M M M M							
CTURERS NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD RATES REA- NAME AND PROD							
CTURERS NAME AND PROD RATES REA- NAM MAX CH D- DWN 1 3 INITIAL REORDER			0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0
PROD RATES REA- MAN (CH.Da- 1 3 INITIAL REORDER	Y.		OCT NOV DEC JAN	B MAR APR MAY JUN JUL AUG	BEP OCT NOV DEC JAN FEB MAR	APR MAY JUN JUL AUG SEP OCT	NOVIDEC JAN FEB MARIAPRIMAY JUN JUL AUG
1 3 INITIAL 2 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NUFACTURER'S NAME AND	PROD RATES R		PROCUREMENT LEAD	LIFACTURING HOTAL AFTER 1		
INTIAL 2 3 19	жиом	MAX		-	007		
REORDER	IKNOWN	1	INITIAL	-			
			REORDER				

P.1 SHOPPING LIST ITEM NO. UNCLASSIFIED

Page 1 of 1 Pages Exhibit P-21 Production Schedule

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

EMPENNAGE STAND	
5.5	
M NOMENCLATURE:	1730-00-158-3039
1 ITE	SN: 1

AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT

APPROPRIATION / BUDGET ACTIVITY

Assets Required for Combat Loads

War Reserve Requirement

Annual Training Annual Testing

Combat Expenditures

Number of Combat Loads

INVENTORY OBJECTIVE

7 0 7	0	LC.
ASSETS On Hand as of 31 Mar 94 Due-In w/all Prior Years' Funds Due-In w/FY95 Funds TOTAL ASSETS:	DISPOSALS (Planned & Projected thru FY96 FDP) FY95 since as of date: FY96: FY97: FY98: FY98: FY98: TOTAL DISPOSALS (41 MONTHS) PROCUREMENT LEADTIME: 22 months	

Air National Guard Requirement Air Force Reserve Requirement

TOTAL REQUIREMENT

Maintenance Pipeline Air Force Requirement

	1		111	1 1
APPROVED ACQUISITION OBJECTIVE	PROCUREMENT REQUIREMENT Total FY96 Requirement	Less Net Assets Required FY96 Procurement Planned FY96 Procurement	Total FY97 Requirement Less Net Assets Less FY96 Planned Proc	Required FY97 Procurement Planned FY97 Procurement
L	9			

ACTUAL OTHER THAN TRAINING EXPENDITURE

FY95

FY94

FY93

FY92

REMARKS

FY91

ACTUAL TRAINING EXPENDITURE

FY93 FY92

FY91

FY94

NET ASSETS:

ω

P-1 SHOPPING LIST ITEM NO.

r Comet III	99 FY 2000 F	\$0.000 \$0.000
OMENCLATURE	FY 1997 FY 19	\$2.206 \$0.000
BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT FY 1995 FY 1996	2 0 2 2 32.206 \$0.000 \$2.206

with a jet engine test cell, this system enables a test cell to provide multiple engine testing. This system is generic and comprised of off-the-shelf electronic A. DESCRIPTION/FUNCTION: Pacer Comet III (PC III) is an automated test system designed for testing all jet and gas turbine engines. When interfaced components assembled and installed by SA-ALC/TISAE. PC III is the only automated system currently in the AF inventory that can provide multi-engine testing of all critical and variable parameters.

B. PURPOSE OF PROCUREMENT: The Air Force has the requirement to test eight types of jet engines at the 46th Test Wing at Eglin AFB. Two new T-9 requirements are for test cells at units with multiple engine testing requirements (Mountain Home AFB, Kadena AFB, Arnold AFB, and Spangdahlem AFB.) instrumentation will not adequately accommodate and support all eight types of engines. PC III was developed to accomplish this task. FY96 and FY97 Noise Suppressors are being built to provide noise suppression and all weather test capability for these engines. However, conventional manual

C. APPLICATION: Tests critical and variable parameters on F100-PW-100 / 200 / 220 / 220E / 229, F110-GE-100 / 129, TF30, and J85-100 engines.

D. REQUIREMENTS: FY96 - 2 shortages

FY97 - 2 shortages

reconfiguration of the T-9 Noise Suppressor to accommodate each type of engine's conventional manual instrumentation. Additionally, countless manhours E. IMPACT: Failure to obtain PC III systems will have a significant impact on composite engine test cell capability and would result in considerable delay or loss of critical aircraft missions of all types. Extensive wear and tear of support equipment, test equipment, and facilities would be caused by constant would be wasted on reconfiguration and recalibration. The possibility of safety incidents would likely increase. 00 PAGE NO. P-1 SHOPP LIST ITEM NO.

1	
쁜	
느	
S	
AS	
<u>U</u>	
Z	

					UNCLASSIFIED	ASSIT						D. DATE	31	
	WEA	NOd	SYSTE	WEAPON SYSTEM COST	ANALYSIS EXHIBIT (P-5)	IS EXP	HBIT	(b-2)				H	FEBRUARY 1995	7 1995
				(Cost in thousands of dollars)	nds of dollars	7	A III	MIABAE	3	MANO	C. MANUFACTURER NAME/PLANT/ CITY/STATE	NAME	LANT/C	TY/STAIL
A. APPROPRIATION/BUDGET ACTIVITY	T ACTI	/ITY	B. WE	B. WEAPON MODEL/SERIES/ POPULAR INAMIL	EUSERIE	S. YOL	OLAI			LOCATION	z			
TITLE/NO.			PACE	PACER COMET III	-				· ·	SA-ALC/TISAE	ISAE			
AIRCRAFT PROCUREMENT, COMMON	COMM	NO	NSN:	NSN: 4920-01-179-5108DQ	9-5108DQ				X	KELLY AFB, TX	-B, TX			
SUPPORT EQUIPMENT														
											1		EV 1997	70
Wagnon System Cost	INDOL					2	EV 1995			FY 1996	92			
Flaments	3000		FY 1994	984		TIMIT				LINIT		240	TSOS	TOTAL COST
		7.20	UNIT	TOTALCOS	T OTY		-	TOTAL COST	QTY	COST	TOTAL CUST	5		
	-	5	1000							•			, ,	9900
					-	_	_		2	1,033	2,066	~	550,1	2,000
LOACED COMET III	«	8	1,033		2,066									,
TACES CONTES IN					320		_				140			140
TECHNICAL DATA	4				140									
INTERFACE ECOLUMENT	:										2.206			2,206
	_			2,5	556		_			_		_		
TOTAL	_	_	-											

PAGE NO.

P-1 SHOPP LIST ITEM NO.

161

Exhibit P-5 Weapon System Cost Analysis

	2
ш	Ц
ũ	L
	Ξ
9	りつ
4	٩
7	1
1	_
4	2
-	7

BIIDGE	RIDGET PROCUREMENT HISTORY PLANNING EXHIBIT (P-5A)	IT HISTORY	RY PLANNING EX	EXHIBIT	(P-5A)			A. DATE FEBR	DATE FEBRUARY 1995	1995
	0)	(Cost in thousands of dollars)	dollars)	0 0 1 170	A NOMEN	ATURE P	A DA LITEM NOMENCI ATURE PACER COMET III	# 1:		
A APPROPRIATION/BUDGET ACTIVITY	VITY	1		2		NSN: 4920	NSN: 4920-01-179-5108DQ	g		
SINGLA PET DESCRIBEMENT COMMON SUPPORT EQUIPMENT	ION SUPPORT EQU			4	H	THUNIO	TINO	SPECS	SPEC	IF YES,
Coet Element FISCAL YEAR	CONTRACTOR/ LOCATION	ACT TOD	CONTRACTED	AWARD	FIRST		COST	AVAIL	REQ'D	WHEN
		S ITE								
FY96 FY97	SA-ALC/TI SA-ALC/TI SA-ALC/TI	MOA. MOA	AFMC/SA-ALC AFMC/SA-ALC AFMC/SA-ALC	AUG 94 NOV 95 NOV 96	OCT 95 JAN 97 JAN 98	ผลผ	1,033**	YES	8 8	

D. REMARKS
•MEMORANDUM OF AGREEMENT
•UNIT COST IS BASED ON ESTIMATE PROVIDED BY SA•ALC/TI

UNCLASSIFIED

PAGE NO.

P-1 SHOPP LIST ITEM NO.

Exhibit P-5a Procurement History and Planning

1-00 1-00 DEC JAN FEB MARIAPH MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPH MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPH MAY JUN JUL AUG SEP CALENDAR YEAR 97 FISCAL YEAR 97 ó 2 0 DATE: FEBRUARY 1995 O 0 0 CALENDAR YEAR 96 0 0 0 FISCAL YEAR 96 0 0 MANUFACTURING TOTAL AFTER 1 TIME OCT 15 * CALENDAR YEAR 95 ADMIN LEAD TIME PRIOCT AFFICET P-1 ITEM NOMENCLATURE: PACER COMET III FISCAL YEAR 95 0 0 REORDER 0 NTIAL 0 THE CH D PROD RATES REA-OTY PRIOR DUE 0 2VR PROC ACCPT BAL TEMMFG PROCUREMENT S PROCACCET IL Z о m α > Y. ¥ AF MANUFACTURER'S NAME AND LOCATION SA-ALC/TISAE KELLY AFB, TX TOTAL FY96 FY97 FY04

UNCLASSIFIED

TEMMANUFACTUREN PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERALY STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES AND SET OF THE PROCURENCY TEMPONERAL STATES A		Se Collins	FISCAL YEAR 00
No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No. No.		FISCAL YEAR 99	CALENDAR YEAR OO
(a) 81 1 1 1 1 1 1 1 1 1	(a) 81 1 1 1 1 1 1 1 1 1	98 CALENDAR YEAR 99	CALENDANICATION
		THE AND SEP OCT NOV DEC JAN FEB	EB MAR APR MAY JUN JUL AUG SEP
MARKS	MARKS	SEP OCT NOV DEC JAN FEB MAHANN MA JOH OCE	
MARKS	MARKS		
MARKS	MARKS		+
MARKS	MARKS		
J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S. J. S.	3KS		
J. C.	J.K.		
J.K.	J. J. J. J. J. J. J. J. J. J. J. J. J. J		
3KS	JKS JKS		
aks	aks		
Jaks Takes	JKS J		
JKS JKS	JKS JKS		
aks	aks		
aks and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second a	JKS		
JKS 3KS	3KS		
aks	aks		+
JKS	JKS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0
aks	aks.		NI NI NI NI NI NI NI NI NI NI NI NI NI N
		AUG SEP OCT MOVIDEC JAN FEB MARIAPRIMAY JUN JUL JAUG SEP OCT MOVIDEC JAN I	N FEB IMARIAPH IMATION ISSUED
			•

P-1 SHOPPING LIST ITEM NO. UNCLASSIFIED

Page 2 of 2 Pages Exhibit P-21 Production Schedule

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

P-1 ITEM NOMENCLATURE: PACER COMET III

NSN: 4920-01-179-5108DQ

	_
	OIPMEN
_	ORI
CTIVIL	SUPPOR
BUDGET ACT	COMMON!
DG	00
ON / BUD	AEN
NOI	CURE
OPRIATIC	8
PROP	URCRAFT PRO
d	2

AIRCRAFI PROCUREMENT, COMMUNICATION	ASSETS On Hand as of 31 Mar 94 Due-in w/all Prior Years' Funds Due-in w/FY95 Funds TOTAL ASSETS:
A BC	Ass On Due To

Assets Required for Combat Loads

War Reserve Requirement

Annual Training Annual Testing

Combat Expenditures

Number of Combat Loads

INVENTORY OBJECTIVE

Disposals (Planned & Projected thru FY96 Fl
FY95 since as of date:
FY96:
FY97:
FY98:
FY99:
TOTAL DISPOSALS (34 MONTHS)

CTUAL TRAINING EXPENDITURE						
ACTUAL TRAIN	FY95	FY94	FY93	FY92	FY91	

DENL	
7 5	
NIN	
T V C	Ş
	Z
	ì
4	핅
	이
	3
i	티

FY92 FY91

REMARKS

PROCUREMENT LEADTIME: 15 months NET ASSETS:

DIIO	
XPEN	
G G	
NN	
TRA	
IHAN	
HER	
101	
YIVA	
A	-

Required FY97 Procurement

Less FY96 Planned Proc

Less Net Assets

Total FY97 Requirement

Planned FY97 Procurement

FY94 FY93

P-1 SHOPPING LIST ITEM NO.

UNCLASSIFIED

APPROVED ACQUISITION OBJECTIVE

PROCUREMENT REQUIREMENT

Total FY96 Requirement

Less Net Assets

Required FY96 Procurement

Planned FY96 Procurement

Air National Guard Requirement

Maintenance Pipeline Alr Force Requirement Air Force Reserve Requirement

TOTAL REQUIREMENT

Exhibit P-20 Requirements Study

165 PAGE NO.1 OF 2

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

	EN
	RT EQUIPN
ACTIVITY	ON SUPPO
JDGET /	COMMC
ION / BI	UREMENT
OPRIAT	AFT PROC
PPR	URCR

APPROPRIATION / BUDGET ACTIVITY ARCRAFT PROCUREMENT, COMMON SUPPOR	ASSETS On Hand as of 31 Mar 94 Due-in w/all Prior Years' Funds Due-in w/FY96 Funds TOTAL ASSETS:
APPROPRI AIRCRAFT PI	ASSETS On Hand as of Due-in w/all Pr Due-in w/FY96 TOTAL ASSETS:

DISPOSALS (Planned & Projected thru FY97 FDP) FY96 since as of date: FY97: FY98: FY99:	FYOO: TOTAL DISPOSALS (46 MONTHS) PROCUREMENT LEADTIME: 15 months
----------------------------------------------------------------------------------------	--------------------------------------------------------------------------

MAG			
- 5	3		
4	\$		
	3		
		96	
	ij	796	

NET ASSETS:

FY95 FY94 FY93 FY95

ACTUAL OTHER THAN TRAINING EXPENDITURE
FY96
FY94
FY93
FY92
REMARKS:

ITEM NOM I: 4920-01	P-1 ITEM NOMENCLATURE: PACER COMET III NSN: 4920-01-179-5108DQ	
7	INVENTORY OBJECTIVE Number of Combat Loads	
2 0	Assets Required for Combat Lodas Combat Expenditures	
1=	War Reserve Requirement	
	Annual Training Annual Testing	
0	Maintenance Pipeline Air Force Requirement	13
P	Air National Guard Requirement Air Force Reserve Requirement	
0	TOTAL REQUIREMENT	13
	APPROVED ACQUISITION OBJECTIVE	13
	PROCUREMENT REQUIREMENT Total FY97 Requirement	13
	Less Net Assets Required FY97 Procurement	
	Planned FY97 Procurement	7
	Total FY98 Requirement Less Net Assets	
	Less FY97 Planned Proc Required FY98 Procurement	
	Pidnned FY98 Procurenten	

P-1 SHOPPING LIST ITEM NO. UNCLASSIFIED

PAGE NO.2 OF 2

Exhibit P-20 Requirements Study

DATE: FEBRUARY 1995	C-2000	EV 2001	F1 2000	0	000 00	\$0.000		
LASSIFIED	(EXHIBIT P-40)		N SUPPORT	F1 133/	72 64 0	OUANTITY 0 \$0.000 \$0.000	\$6.049	

A. DESCRIPTION/FUNCTION: The MC-2000 Compass Calibrator Set is used to perform magnetic compass system alignment when a compass system is installed or one of its components is replaced on an aircraft. The compass system provides primary heading information to aircraft flight instruments used for aircraft navigation.

B. PURPOSE OF PROCUREMENT: The MC-2000 is compatible with the current state-of-the-art compass systems whereas the existing calibrators are not compatible. Compass Rose. A Compass Rose is physically embossed onto a remote area of the maintenance ramp and is used to align the aircraft axis to the magnetic headings required to calibrate the compass. The MC-2000 also automatically compensates for changing magnetic fields and it will reduce time required to complete compass Calibrators will increase mission readiness due to shorter aircraft servicing time, is a fully supportable/maintainable system and eliminates the requirement for a Existing calibrators are 1960s technology and have low reliability. The MC-2000 set reduces calibration time by at least fifty percent. The MC-2000 Compass swings, reduce training requirements and reduce the size and complexity of the calibrator hardware.

C. APPLICATION: The compass calibrator supports the B-1B, Special Operations Forces (SOF) aircraft and other Air Combat Command and Air Mobility Command

D. REQUIREMENTS: FY96 - 72 shortages

FY97 - 64 shortages

E. IMPACT: Without the MC-2000 Compass Calibrator, there will be no capability to calibrate compass systems on SOF aircraft, the B-1B and other strategic, tactical and mobility aircraft where older calibrators are not adequate for compass calibration/alignment. Being 1960s technology, they are low in reliability. Depot repair is increasingly difficult due to obsolete parts and increasing negative response from vendors for new procurement and/or repair. Not having this capability will ground

167	
PAGE NO.	CLASSIFIED
P-1 SHOPP LIST ITEM NO.	S

TEME NO NO	LUICTORY	CIAIIAIA I		1 4 4 4					
AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPM Cost Element Cost Element Contractor Cost Element Contractor Cost Element SS		PLANIMING	EXHIBIT	(P-5A)			FEBR	FEBRUARY 1995	982
ONTRACTOR/ LOCATION	(Cost in thousands of dollars)	dollars)	DA ITE	MANOMEN	ATURE C	C DA ITEM NOMENCI ATURE COMPASS CALIBRATOR MC-2000	LIBRAT	OR MC-	2000
SUPPORT EQUIP			2 2 3		NSN: 4920	NSN: 4920-01-328-3419NT	MT		
AIRCHAF I FROCONLINE CONTRACTOR COST Element CONTRACTOR COST Element CONTRACTOR COST Element COST Element CONTRACTOR COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST Element COST	MEN			20 24.	VITTANITA	FINIT	SPECS	SPEC	IF YES,
- Invariance	CONTRACT	CONTRACTED	AWARD	PATE OF FIRST DELIVERY	TIN CO	COST	AVAIL	REO'D	WHEN
	& ITPE								
FY96 FY97 HONEYWELL SS HONEYWELL SS HONEYWELL SS DURHAM, NC	SS/FFP SS/FFP SS/FFP	AFMC/OC-ALC AFMC/OC-ALC AFMC/OC-ALC	30 NOV 95 NOV 96	JUL 95 MAY 96 MAY 97	8 2 8	65° 67°	YES	0 0 ×	

D. REMARKS
UNIT COSTS FOR FY96 AND 97 BASED ON FY92 CONTRACT ESCALATED BY RESPECTIVE INFLATION INDICES.

168 Exhibit P-5a Procurement History and Planning PAGE NO. P-1 SHOPP LIST ITEM NO.

SSI
CLA
Z

	N/A/	NOGA	CVS	WEADON SYSTEM COST ANALYSIS EXHIBIT (P-5)	STAN	ALYSI	ANALYSIS EXHIBI	BIT (F	-5)				<u>o</u>	D. DATE FEBRUARY 1995	4RY 18	95
				(Cost in thou	ousands	isands of dollars)	1000	NOA	AME	0	MANC	C. MANUFACTURER NAME/PLANT/ CITY/STATE	R NAME	PLANT	/CITY/	STATE
A. APPROPRIATION/BUDGET ACTIVITY	T ACT	VITY	8i ×	B. WEAPON MODEL/SERIES/ FOFULATION	MODEL	/SEHIE	20.				LOCATION	z				
TITLE/NO.			COM	COMPASS CALIBRATOR MC-2000	LIBRA	TOR MC	2-2000				HONEYWELL	ELL				
AIRCRAFT PROCUREMENT, COMMON	COMM	NO	NSN	NSN: 4920-01-328-3419NT	-328-34	18N1					DURHAM, NC	NC.	-			
SUPPORT EQUIPMENT																
Weenen Svetem Cost	DENT						2004	400			FY 1996	96		Ŧ	FY 1997	
The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	CODE		Ŧ	FY 1994				222			TINO		_	_	_	1900 141
			LINO	-			LINO	_	TOTAL COST	QTY	COST	TOTAL COST	TOTY	COST	+	IOIAL COST
		QTY	COST	\dashv	TOTAL COST	20	200	+								
							_	_		72	1 65	4,7	4,707 64		19	4,310
1 COMPASS CALIBRATOR	4											1,5	1,342			1,229
WARRANTY																5 539
								<u></u>				9	6,049	_	_	0,0
TOTAL		_	_	_		_	-	-								
	•															

PAGE NO.

P-1 SHOPP LIST ITEM NO.

169

Exhibit P-5 Weapon System Cost Analysis

Page 1 of 2 Pages Exhibit P-21 Production Schedule

P.1 SHOPPING LIST TEM NO. UNCLASSIFIED

		P-1 ITEM NOMENCLATURE: COMPASS CALIBRATION INC.	NCLALUNE.			SOUTH NEW OF				<
PYSEAT BUDGET PRODUC	TION SCHEDULE		FISCAL YEAR 95			FISCAL TEAH VO		3 142	CALENDAR YEAR 97	-
TEMMEG PROCUREMENT S PROCACOPT	S PROC ACCPT BAL		CALE	CALENDAR YEAR 95		CALEND	CALENDAR YEAR 98	3		w E
	R OTY PRIOR DUE	1-DELOCT NOV DEC JAN	FEB WARA	JUN JUL AUG	NOV DEC	168	MARIAPR MAY JUN JUL AUG SEP OCT NOV DEC JAN	DEC JAN FEB MARA	FEB MARIAPR MAY JUN JUL AUGS	a.
A	AF 60 0	8	FAA	9		9 9	9 9 9	8 8	8	+
	72 0	72			D				9 9 9	8
	AF 64 0	2	+						1	+
			+						 	+
		+		-						\pm
	+									
						1				
							+			
				+						\pm
			+	+						#
				-				1		+
		+						+		1
										-
				-	+					
				+						1
				+						+
				+		9	9 9 9 9	9 9 9	8 6 6 6	9
TOTAL	196 0	196 0 0	0 0 0	0	0		4	NAV DEC JAN FEB	AR APR MAY JUN JUL A	UG SEP
				MAY JUN JUL A	UG SEP OCT NOVE AD TIME	ECJAN FEB MARAPRIM	MARIARY JUN JUN ANG SEP OCT INCVIDEG JAN FEB IMMRIAPRIMATION JUL TANGISET COLLINATORISE PROCUREMENT LEAD TIME PROCUREMENT LEAD TIME			
MANUFACTURER'S NAME AND LOCATION		PEA.	ADMIN	ADMIN LEAD TIME	MANUFACTURING T	TOTAL AFTER 1 OCT				
HONEYWELL PURDHAM NO		9	38 1 OCT	AFT 1 OCT						
						-				

	ON BOLL		DATE: FEBRUARY 1995		7
	P-1 ITEM NOMENCLATURE: COMPASS CALIL: NICHTING	FISCAL YEAR 99	FISCAL YEAR OU		<
FY96/97 PRODUCTION SCHEDULE	FISCAL YEAR 98	-	CALENDAR YEAR 00	8	— ш
EMMANUFACTURERY PROCUREME!				G G	Œ
YEAR	97 97 97 97	NOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SE	MARIAPRIMAY JUN JUL ALG SEP OCT NOV DEC JAN FEB MARIAPRIMAY JUN JUL ALG	200	
	OCT NOV DEC JAN FEB MAHAPH WAT DON JOS.				
FY97	4 9 9 9				
				-	
					_
					_
					-
				+	-
		0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0	0
TOTAL	9 9 9		SEP OCT NOV DEC JAN FEB MAR APR MAY JUN	JUL AUG SE	<u>a</u>
-	OCT MOV DEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOVIDEC JAN FEB MARIAPR MAY JUN JUL AUG SEP OCT NOVIDEC JAN FEB	CT NOV DEC JAN FEB MARIAPRIMAY JUN JUL TAX			
REMARKS					
					1

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

PPROPRIATION / BUDGET ACTIVITY PROPRIATION / BUDGET ACTIVITY POPRATION / BUDGET ACTIVITY PROCUREMENT, COMMON SUPPORT EQUIPMENT NSN: 4920-01-328-3419NT	LATURE: COMPASS CALIBRATOR MC -2000 -3419NT
--------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------

APPROPRIATION / BUDGET ACTIVITY ARCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMEN	ASSETS On Hand as of 31 Mar 94 Due-in w/all Prior Years' Funds Due-in w/FY95 Funds
APPROPAIRCRAFT	ASSETS On Har Due-In TOTAL

Assets Required for Combat Loads

War Reserve Requirement

8

Annual Training Annual Testing

Combat Expenditures

Number of Combat Loads

INVENTORY OBJECTIVE

A CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR
TOTAL DISPOSALS (S) INICIAIN IS)
TOTAL DISPOSALS (3/ IVICIA III)
TOTAL DISPOSALS (3/ MOINING)
TOTAL DISPOSALS (37 MONIHS)
TOTAL DISPOSALS (37 MONIHS)
TOTAL DISPOSALS (37 MONTHS)

PROCUREMENT LEADTIME: 7 months	
PROCUREMENT LEAD	NET ASSETS:

묎

198

196

APPROVED ACQUISITION OBJECTIVE

TOTAL REQUIREMENT

PROCUREMENT REQUIREMENT

8

Fotal FY96 Requirement

Required FY96 Procurement Planned FY96 Procurement

Less Net Assets

Air National Guard Requirement Air Force Reserve Requirement

Air Force Requirement Maintenance Pipeline

196

NG EXPENDIT					
ACTUAL TRAINING EXPENDIT	FY95	FY94	FY93	FY92	FY91

		4141
		-
		-
>	FY91	
1	ũ.	

NE NE	
Ö	
PEN	
X	
N	
AN	
3	
₹	
2	
H	
9	
3	
P	

Ö	
2 ≥	
V	
目	
里	
Ö	
M	
5	795
•	I LL
	4

Required FY97 Procurement

Less FY96 Planned Proc

Less Net Assets

Fotal FY97 Requirement

Planned FY97 Procurement

FY92	FYOI

REMARKS: VARIANCE BETWEEN FY96 REQUIRED AND PLANNED PROCUREMENT DUE TO CONTRACTOR PRODUCTION LIMITATIONS.

P-1 SHOPPING LIST TEM NO.

PAGE NO.1 OF 21 7 2

UNCLASSIFIED

Exhibit P-20 Requirements Study

PAGE NO.2 OF 2

UNCLASSIFIED

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

P-1 ITEM NOMENCLATURE: COMPASS CALIBRATOR MC -2000

NSN: 4920-01-328-3419NT

AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT APPROPRIATION / BUDGET ACTIVITY

Due-in w/all Prior Years' Funds On Hand as of 31 Mar 94 Due-in w/FY96 Funds TOTAL ASSETS: DISPOSALS (Planned & Projected thru FY97 FDP) FY96 since as of date:

FY97: FY98:

FY00: FY99:

TOTAL DISPOSALS (48 MONTHS)

PROCUREMENT LEADTIME: 7 months

NET ASSETS:

ACTUAL TRAINING EXPENDITURE FY94 FY93 FY95 FY96

ACTUAL OTHER THAN TRAINING EXPENDITURE

FY92

FY93 FY95 FY94

REMARKS

FY96

FY92

	20 28 8	196	196	
INVENTORY OBJECTIVE Number of Combat Loads Assets Required for Combat Loads Combat Expenditures War Reserve Requirement Annual Training	Maintenance Pipeline Air Force Requirement Air National Guard Requirement Air Force Reserve Requirement	TOTAL REQUIREMENT APPROVED ACQUISITION OBJECTIVE	PROCUREMENT REQUIREMENT Total FY97 Requirement Less Net Assets Required FY97 Procurement Planned FY97 Procurement	Total FY98 Requirement Less Net Assets Less FY97 Planned Proc Required FY98 Procurement Planned FY98 Procurement
0 60 72 132	0 0	0	132	

P-1 SHOPPING LIST ITEM NO.

UNCLASSIFIED

Exhibit P-20 Requirements Study

DATE: FEBRUARY 1995

	-6	FY 2000 FY 2001	\$0.000 \$0.000
BUDGET ITEM JUSTIFICATION	(EXHIBIT P-40)		269 0 0 0 \$5.113 \$0.000 \$0.000
18	Make was	APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT	MANTITY 0 1 1 5T (In MII) \$0.000 \$.018

oxygen regulators due to unreliable results and possible damage occurring during testing. The tester is used in preflight checks of the oxygen regulator and oxygen regulator is part of a life support system, and this tester ultimately provides the means to determine if the related equipment while mounted on the aircraft. The regulator is part of a life support system, and this tester ultimately provides the means to determine if the Sieve Oxygen Generating System (F-15) test requirements. This tester was required because the old regulator tester did not have positive breathing gas test capability. Oklahoma City Air Logistics Center has informed all Major Commands that the old tester is no longer authorized for testing MD-1 panel mounted A. DESCRIPTION/FUNCTION: The Oxygen Regulator Tester was introduced to the Air Force inventory in support of Combat Edge (F-16) and Molecular correct quantity of oxygen is being provided.

B. PURPOSE OF PROCUREMENT: Due to the unreliability of the current oxygen regulator tester and the possibility of damage to equipment with its use, and danger to aircrews, complete replacement is required. In addition, inventory shortages will also be filled by this new tester.

C. APPLICATION: All Air Force aircraft requiring onboard oxygen regulator testing.

D. REQUIREMENTS: FY96 - 133 shortages

- 136 replacements

E. IMPACT: This essential life support system tester supports all oxygen regulators in the Air Force inventory. Onboard oxygen regulator system testing is required to ensure adequate oxygen pressure is available to aircrews under all flight conditions. Without proper testing, aircrews will be subject to possible hypoxia and unconsciousness, ultimately leading to loss of aircraft and lives.

F. TYPE ITEM: A

UNCLASSIFIED

PAGE NO.

P-1 SHOPP LIST TEM NO.

ш
正
SSI
X
U
Z

UNCLASSIFIED A. DATE A. DATE FEBRUARY 1995 FEBRUARY 1995	BUDGET PROBLE ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, COMMON SI Cost Element FY95 FY95 UNKN FY96	PROCUREMEN (C) ITY N SUPPORT EQU CONTRACTOR LOCATION UNKNOWN	THISTORY ost in thousands o CONTRACT METHOD & TYPE CFFP OPTION	PLANNING radiass contracted BY AFMC/SA-ALC AFMC/SA-ALC	AWARD DATE DATE APR 95	(P-5A) M NOMEN DATE OF FIRST DELIVERY FEB 96 SEP 96	CLATURE OXYGE NSN: 4920-01-3 QUANTITY UF	21-1839 WT ST A A 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19 X 19	PEBRU ATOR 1	NO NO	P95 R YES, WHEN AVAIL
	THE PROPERTY OF THE PARTY.	0)	ost in thousands o	f dollars)	C. P-1 ITE	M NOMEN	CLATURE OXYGE	N REGUL 21-1839	ATOR	rester	~
(Cost in thousands of dollars) C. P-1 ITEM NOMENCE	B. APPROPRIATION BUDGE! ACTIVITY	SUPPORT EQU	PMENT		200	DATE OF	OUANTITY UP	E S	S SOE	SPEC	IF YES,
(Cost in thousands of dollars) C. P.1 ITEM NOMENCLATURE OXYGEN REGULATOR TESTER NSN: 4920-01-321-1839 UNIT SPECS SPEC	AIRCRAFT PHOCUMEMENT, COMMISSION CC COST Element CC	CONTRACTOR/ LOCATION	CONTRACT		DATE	FIRST				REV EQ'D	AVAIL
UPPORT EQUIPMENT C. P-1 ITEM NOMENCLATURE OXYGEN REGULATOR TESTER NSN: 4920-01-321-1839 NSN: 4920-01-321-1839 SPECS SPEC I AVAIL REV I LOCATION METHOD BY DATE OF DELIVERY	TISCAL INST		& TYPE				-		-	Ç	
Cost in thousands of dollars C. P-1 ITEM NOMENCLATURE OXYGEN REGULATOR TESTER		CNOWN	C/FFP	AFMC/SA-ALC AFMC/SA-ALC	APR 95 APR 96	SEP 96	269		S	9	
UPPORT EQUIPMENT LOCATION C. P-1 ITEM NOMENCLATURE OXYGEN REGULATOR TESTER NSN: 4920-01-321-1839 NSN: 4920-01-321-1839 NSN: 4920-01-321-1839 NOMT SPECS SPEC I NOW AFMC/SA-ALC APR 95 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP 96 SEP		NWON	10110								

D. REMARKS
UNITS COST FOR FY 95 AND FY 96 BASED ON FY 92 BUDGET PROGRAM 1100 (AIRCRAFT MODIFICATIONS) CONTRACT UNIT COST INFLATED BY RESPECTIVE INDICES.

Exhibit P-5a Procurement History and Planning	
o.	
PAGEN	
P-1 SHOPP LIST	ITEM NO.

TEMMIG PROCUREMENT S PROCACET BALL YEAR ROOM TO TO THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE ST		FISCAL YEAR 05	TO NE ALL VIEW OF									
MFG PROCUREMENT S PROC ACCPT YEAR AF 1 0 AF 269 0 AF 7 0 AF 7 0		2	CAMETA			FISCAL YEAR 96	4R 96			100	CAL CAIDAD VEAB 07	1
AF 269 AF 77 (BP 10 Initial) AF 7	1		CALENDA	CALENDAR YEAR 05			CALENDAR YEAR 96	AR 96	+	3	ENDAN I CALL	
AF 260 (BP 10 Initial) AF 7	ğ	24 04	AUG SEP OCT	JUL AUGISEP O	NOV DEC	JAN FEB MAR APP	A MAY JUN JUL	AUG SEP OC	T NOV DEC JA	W FEB WAR	FEB MARIAPRIMAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPRIMAY JUN JUL	JL AUG SEP
AF 269 (BP 10 Initial) AF 7	200	1-04 1-04 OCT NOV DEC JAN PER			F.	FAA	1	-	+	1		
AF 260	-	+	,			O		20 30	8	80	8	-
AF 7	0 260	+	-							+	+	
	7								1	+		
	1	+						1	1	+	1	+
	1						+	+	1	+	† 	-
	-						1	+	1	+		+
							+	+	-			
	1					1	++	+				
	+						#	+				
	-							+	-			
	-				+							_
			1	+	+							+
	-										+	+
	-			+	+						+	+
				+	+							
	-	-	1	+	+						+	#
	+			+						1	+	+
	+										1	+
	+		1_		1	0	0 0	0 0	30	30 30	30 30	0 0 1
TOTAL	0 27	277 0 0 0 0	0	0						-	7411	AUG S
		OCT NOVIDEC JAN	FEB IMAR APRIMAY JUN JUL AND BEP OCT NOVIDEC JUN FEB WAR APRIMAY JUN JUL AND SEP OCT NOVIDEC LAN FEB IMARIA'S THE SEP OCT NOVIDEC LAN FEB IMARIA'S FIRST ARTICLE WILL BE RETAINED BY MANUFACTURER AS MOD	JUN JUL AUG SE	EP OCT NOV D	EC JAN FEB MAI	REMARKS:	JUL AUGISER	LE WILL BE	RETAINED	APP MAY JUN JUL AND SEP JOCT MOY DECLANT FEB MAY JUN JUL AND SEP JOCT MODEL REMARKS: FIRST ARTICLE WILL BE RETAINED BY MANUFACTURER AS MODEL	URER AS M
十	7		PROCUR	PROCUREMENT LEAD TIME	IME		AND DELIVE	AND DELIVERED WITH FIRST PRODUCTION LOT.	INST PROD	UCTION LO		
PHOOP H		A HO	ADMIN LEAD TIME	I	FACTURING	MANUFACTURING TOTAL AFTER THE TIME						
UNKNOWN	8	NHIA	1	9	w	1	, - ,					
1	+	REORDER										

P.1 SHOPPING LIST ITEM NO. UNCLASSIFIED

Page 1 of 1 Pages Exhibit P-21 Production Schedule

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

P-1 ITEM NOMENCLATURE: OXYGEN REGULATOR TESTER APPROVED ACQUISITION OBJECTIVE Assets Required for Combat Loads Air National Guard Requirement Air Force Reserve Requirement Required FY97 Procurement PROCUREMENT REQUIREMENT Required FY96 Procurement Planned FY97 Procurement Planned FY96 Procurement REMARKS: REMAINING 7 UNITS REQUIRED IN FY96 WILL BE PROCURED BY BP10 (C-17 INITIAL REQUIREMENTS). Number of Combat Loads War Reserve Requirement Less FY96 Planned Proc rotal FY97 Requirement otal FY96 Requirement Air Force Requirement Maintenance Pipeline INVENTORY OBJECTIVE Combat Expenditures TOTAL REQUIREMENT Less Net Assets Less Net Assets Annual Training Annual Testing NSN: 4920-01-321-1839 207 343 335 (BP11 FUNDED) DISPOSALS (Planned & Projected thru FY96 FDP) ACTUAL OTHER THAN TRAINING EXPENDITURE AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT PROCUREMENT LEADTIME: 11 months APPROPRIATION / BUDGET ACTIVITY ACTUAL TRAINING EXPENDITURE TOTAL DISPOSALS (39 MONTHS) Due-In w/all Prior Years' Funds On Hand as of 31 Mar 94 FY95 since as of date: Due-In w/FY95 Funds TOTAL ASSETS: NET ASSETS: FY93 FY92 FY94 **FY94** FY93 FY92 FY95 FY91 FY97: FY98: 54 FY96:

276

483

207

483

483

PAGE NO.1 OF 17 Exhibit P-20 Requirements Study

> UNCLASSIFIED ITEM NO.

P-1 SHOPPING LIST

1	RY 1995 FY 2001 0 \$0.000	DATE FEBRUARY 1995 FY 2000 FY 2 \$0.000 \$0.00	3655-00-429-2896 FY 1999 0	ICLATURE Purge NSN: FY 1998 16	STIFICATION P-40) AT FY 1997 O 0		-	TION/BUDGET AC PROCUREMENT, C FY 1994	AIRCRAFT F
RIATION/BUDGET ACTIVITY P-1 IIEM NOMENCLATOR INST. 3655-00-429-2896 FT PROCUREMENT, COMMON SUPPORT EQUIPMENT FY 1997 FY 1998 FY 2000 FY 2000				6.010	\$0.000	\$3.425	000 0\$	400	
N SUPPORT EQUIPMENT N SUPPORT EQUIPMENT N SUPPORT EQUIPMENT 1995 FY 1996 FY 1997 FY 1998 FY 1999 FY 2000 F	\$0.000	\$0.000	\$0.000	\$310	0000	280	0	•	MANTITY
N SUPPORT EQUIPMENT NSN: 3655-00-429-2896 N SUPPORT EQUIPMENT FY 1996 FY 1996 FY 1996 FY 1996 FY 1996		0	0	16	C	900	11 1830	FY 1994	
N SUPPORT EQUIPMENT	c	C		000	FY 1997	FY 1996	EV 1095	7007	
N SUPPORT EQUIPMENT	FT ZUUI	FY 2000	FY 1999	EV 1998	7007				
			3655-00-429-2896	NSN:	P-1 ITEM NOMEN		TIVITY COMMON SUPPO	TION/BUDGET AC	PROPRIA
						THEM JUSTIF	BODGE		
BUDGET ITEM JUSTIFICATION	RY 1995	DATE FEBRUA							

A. DESCRIPTION/FUNCTION: The Purge Unit is used to evacuate and dehumidify liquid oxygen (LOX) and nitrogen (LIN) storage tanks during maintenance. The unit consists of an electric motor and pulley driven blower, 6 kilowatt heater, and pressure lines. Air is drawn through elemental filters, forced into metal tubing, heated to 350 degrees and pressurized for discharge into the LOX/LIN tank undergoing maintenance.

- B. PURPOSE OF PROCUREMENT:. To fill shortages and replace 20 30 year old equipment that is rapidly becoming unsupportable and obsolete.
 - C. APPLICATION: Aircraft supported by this equipment include the B-1B, C-5, C-130, C-135, C-141, F-15, and F-16.
- D. REQUIREMENTS: FY96 90 shortages 206 replacements

tires. The currently in-use, obsolete method/equipment for purging moisture is 20 - 30 years old. If replacement Purge Units are not made available to perform E. IMPACT: Purge Units are used for direct aircraft maintenance as well as maintenance on storage and transport tanks for LOX production in support of life support and medical activities. LIN storage and transport tanks must be moisture free to prevent injection of moisture into aircraft accumulators, struts and this function properly, equipment and personnel safety is jeopardized.

UNCLASSIFIED PAGE NO. P.1 SHOPP LIST ITEM NO.

	WE	WEADON SYSTEM COST	SYST	EN	SOST A	NALY	SISE	XHBI	ANALYSIS EXHIBIT (P-5)				D. DATE FEBI	ATE FEBRUARY 1995	Y 1995	
	1			(Cost	(Cost in thousands of dollars)	is of dollar	(S)	li la	A NAME	3	MANU.	FACTURER	NAME	LANT/ C	C. MANUFACTURER NAME/PLANT/ CITY/STATE	
A. APPROPRIATION/BUDGET ACTIVITY	r ACTI	VITY	8. ▼	EAPO	N MODE	LVER	<u> </u>		B. WEAPON MODEL/SENIES/ FOR CENTRALING		LOCATION	z				
TITLE/NO.			PURC	PURGE UNIT	=						ACIFIC	PACIFIC CONSOLIDATED	(TED			
AIRCRAFT PROCUREMENT, COMMON	COMM	NO	NSN:	3655	NSN: 3655-00-429-2896	2896				0	ORANGE, CA	CA				
SUPPORT EQUIPMENT																-
Weapon System Cost	PBOI		i					EV 1995	ıc.		FY 1996	96		FY 1997	16	_
Elements	3000		7	FY 1884		-		TIMIT			LIND			LIND	TOTAL COST	_
		710	UNIT		TOTAL COST	QTY	_	COST	TOTAL COST	QTY	COST	TOTAL COST	div	503	10181000	1
		5		1								,	_	_		=
I PUBGE UNIT	⋖	_		38		38				296	12	3,425	<u> </u>			
TECHNICAL DATA					+	27										
					,							3,425	2			_
TOTAL	· —	_	_	-		180	_		_	-	_					

UNCLASSIFIED

PAGE NO.

P-1 SHOPP LIST ITEM NO.

_

Exhibit P-5 Weapon System Cost Analysis

B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT CONTRACTOR CONTRACT AVAIL NOW REGOD AVAIL FYSE NOW FROM CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT AVAIL NOW REGOD AVAIL FYSE NOW CONTRACT CONTRACT AVAIL NOW REGOD CONTRACT CONTRACT AVAIL NOW REGOD AVAIL FYSE NO CONTRACT AVAIL AND AND CONTRACT CONTRACT AVAIL AND AND AND AND AND AND AND AN	BUDGE	BUDGET PROCUREMENT HISTORY PLANNING EXHIBIT (P-5A)	AT HISTORY	PLANNING	EXHIBIT	(P-5A)			A. DATE FEBR	DATE FEBRUARY 1995	1995
SUPPORT EQUIPMENT ONTRACTOR/ ONTRACTOR/ CONTRACT LOCATION ATTYPE LOCATION ATTYPE LOCATION ATTYPE LOCATION ATTYPE DATE OF GUANTITY COST NOW REG'D NOW 95 MAR 96 S96 12" YES NO NOW 95 MAR 96 S96 12" YES NO NO NO NO NO NO NO NO NO N	B ADDROPRIATION/BUDGET ACTI		ost in mousands o	COHELS	C. P-1 IT	M NOMEN	CLATURE	PURGE UNIT NSN: 3655-	00-429-2	968	
NOW BY DEC 95 1° 38 NO NOV 95 MAR 96 296 12° YES NO NO NO NO NO NO NO NO NO NO NO NO NO	A DOOD A ST DEPOCI IN FINENT, COMP	MON SUPPORT EQU	PMEN			DATE OF	VITTALITY	LINI	SPECS	SPEC	IF YES,
PACIFIC CRFP AFMC/SA-ALC JUL 94 DEC 95 1' 38 PACIFIC OPTION AFMC/SA-ALC NOV 95 MAR 96 296 12" YES CONSOLIDATED ORANGE, CA	Coet Element FISCAL YEAR	CONTRACTOR/ LOCATION	METHOD	CONTRACTED	DATE	FIRST		COST	AVAIL	REQ'D	WHEN
PAGIFIC OPTION AFMC/SA-ALC JUL 94 DEC 95 1° 38 PACIFIC CONSOLIDATED CONSOLIDATED ORANGE, CA			& IYPE						•		
PACIFIC OPTION AFMC/SA-ALC NOV 95 MAR 96 296 12** YES PACIFIC CONSOLIDATED ORANGE, CA				AEMONSA.ALC	JUL 94	DEC 95	÷	88			
PACIFIC CONSOLIDATED ORANGE, CA		PACIFIC	OPTION	AFMC/SA-ALC	NOV 95	MAR 96	536	12.	YES	2	
PACIFIC CONSOLIDATED ORANGE, CA	FY98										
ORANGE, CA		PACIFIC CONSOLIDATED									
		ORANGE, CA	_	_	<u>.</u>						

D. REMARKS
• FIRST ARTICLE QUANTITY
• UNIT COST BASED ON FY94 REQUIREMENTS CONTRACT

UNCLASSIFIED

P-1 SHOPP LIST PAGE NO.

180

Exhibit P-5a Procurement History and Planning

		THE PUBBE UNIT	TIRE PLINGE UNIT					100 AT 100 AT	
		P-1 II EM NOMENOLA			FISCAL YEAR 96	96		FISCAL TEAN ST	<
PYSEAT BUDGET PRODUCION CONTROL	Town MOI	FISCA	T YE			SO GAD VOLUM		CALENDAR YEAR 97	- 4
MANFG PHOCUNEMENT	PROC ACCPT BAL		CALENDAR YEAR 95	EAR 05	ð	CALENDAH YEAH VO			w ec
	A OTY PRIOR DUE	NOR DUE 94 94 94	AR APR MAY JUN	AUG SEP OCT NOV DEC	JAN FEB	MARIAPRIMAY JUN JUL AUG SEP OCT NOV DEC	3	FEB MAR APR MAY JUN JUL AUG	ਲੈ
NF AF	-		FA	¥.		30 30	30 30 23		
	F 296 0 296		+	O	2 6	3			-
	FMS 20 0 20				2				
FY96 (BP10 Initial)	7 0	7							
									+
							+		
									-
	,					+			-
						+			
							+		
					+				
			-	-	06 0	% % % % % %	30 30 30 30	23 0 0 0 0 0 0	0
TOTAL	324 0 3	0 0 0 0			DEC JAN FEB MARIA	R MAY JUN JUL AUG S	SEP OCT NOV DEC JA	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	UG SEP
WANUFACTURER'S NAME AND	and and and and and and and and and and	OCT NOVIDEC JAN PER		NT LEAD TIME	ec ()	REMARKS: FY94 FIRST DELIVERED IN DEC 95.	ST ARTICLE TO BE	HEFORBISHED AT LEAT LEST IN	
ГОСАТОН	No.	2 2	m.	MANUFACTURING	TOTAL AFTER 1				
PACIFIC CONSOLIDATED	1 8		PR 1 OCT AFT 1 OCT						
ORANGE, CA		INITIAL							
		BEORDER		+	6				

UNCLASSIFIED

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

P-1 ITEM NOMENCLATURE: PURGE UNIT

EN	
PM	
5	
VITY	
N ST	
SET AC	
DGET	
BE Z	
> E	
ON	
₹ 8	
PR	
Ø ₹	
P P	

Due-in w/all Prior Years' Funds On Hand as of 31 Mar 94 Due-In w/FY95 Funds TOTAL ASSETS: ASSETS

DISPOSALS (Planned & Projected thru FY96 FDP)

FY95 since as of date:

FY96: FY97: FY98: FY89:

PROCUREMENT LEADTIME: 5 months TOTAL DISPOSALS (34 MONTHS)

NET ASSETS:

ACTUAL TRAINING EXPENDITURE FY93 FY92 FY94 FY95

ACTUAL OTHER THAN TRAINING EXPENDITURE

FY91

7493 **FY94** 792

REMARKS: VARIANCE BETWEEN FY96 REQUIRED AND PLANNED PROCUREMENT DUE TO 16 WRM SHORTAGES DEFERRED TO FY98 AND 7 INITIAL REQUIREMENTS FUNDED BY BP10 (F-16C/D)

APPROVED ACQUISITION OBJECTIVE Assets Required for Combat Loads Air National Guard Requirement Air Force Reserve Requirement PROCUREMENT REQUIREMENT Required FY96 Procurement Planned FY96 Procurement Number of Combat Loads War Reserve Requirement Less FY96 Planned Proc Total FY97 Requirement **Total FY96 Requirement** Air Force Requirement **NVENTORY OBJECTIVE** Maintenance Pipeline Combat Expenditures TOTAL REQUIREMENT Less Net Assets Less Net Assets Annual Training Annual Testing NSN: 3655-00-429-2896 226

319

319

319

319

Required FY97 Procurement Planned FY97 Procurement

P-1 SHOPPING LIST ITEM NO.

UNCLASSIFIED

82 PAGE NO.1 OF 1

Exhibit P-20 Requirements Study

| CINCLASSIFTED CONTINUAL |---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

hinged towbar and is designed to be towed at speeds up to 20 miles per hour over paved runways and highways. The unit is approximately 86 inches long, 58 mobile, and protected from climatic conditions by a weatherproof housing. Pressure is provided by a four piston axial constant volume hydraulic pump, capable of delivering four gallons per minute at 3,000 pounds per square inch gauged continuously when used with MIL -H-5606 hydraulic fluid. The unit is driven by a A. DESCRIPTION/FUNCTION: The AF/M27M-1 Hydraulic Pumping Unit is used for various aircraft jacking operations. This unit is completely self-contained, Included to control the various jacking operations. The entire unit is permanently mounted on a four wheeled pneumatic-tired trailer. The trailer is fitted with delivered by the pump to nine (9) hose assemblies coiled on three hose reels contained within the housing of the pumping unit. A manual selector valve is two-cylinder diesel engine directly coupled to the pump through a flexible coupling. The pump is driven at 2200 revolutions per minute. Hydraulic fluid is inches wide, and 51 inches high. It weighs approximately 2,400 pounds.

B. PURPOSE OF PROCUREMENT: FY95 funding begins a procurement program that will replace all current gasoline driven hydraulic pumping units that are currently in the inventory. These units have reached the end of their service life and are experiencing increasing breakdowns and unavailability of parts. This procurement program will also standardize the hydraulic pumping unit fleet, provide a less costly spares inventory and provide for higher reliability.

C. APPLICATION: The Hydraulic Pumping Unit is used for jacking operations on all large cargo type aircraft as well as the B-1B and B-52H bombers and the

E-3A and C-135 series aircraft.

D. REQUIREMENT: FY96 - 22 shortages and 164 replacements

capability. Maintenance personnel will have to revert to time consuming manual jacking operations. In addition, timely response to emergencies involving the E. IMPACT: Without procurement of the AF/M27M-1, the Air Force will increasingly experience downtime for its large aircraft fleet due to lack of jacking requirement to lift/jack damages aircraft due to blown tires or collapsed struts on landing will be nearly impossible. Life and property may be placed in eopardy

F. TYPE ITEM: A

183	
PAGE NO.	
P-1 SHOPP LIST	ITEM NO.

B. APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT Cost Element Cost Cost Avail RECD NOW Free Cost Avail RECD NOW Free Cost Avail RECD Cost Element Cost Avail RECD Cost Script Cost Avail RECD Cost Script NOW Free Cost Avail RECD NOW Free Cost Avail RECD NOW Free Cost Element Cost Avail RECD Cost Script NOW Free Cost Avail RECD NOW Free Cost Avail RECD NOW Free Cost Avail RECD NOW Free Cost Avail RECD NOW Free Cost Avail RECD NOW Free Cost Avail RECD NOW Free Cost Avail RECD NOW Free Cost Avail RECD NOW Free Cost Avail RECD NOW Free Cost Element Cost Script NOW Free Cost Element Cost Script NOW Free Cost Element Cost Revolution RecD NOW Free Cost Element RecD NOW Free Cost Element RecD NOW Free Cost Element RecD NOW Free Cost Element RecD NOW Free Cost Element RecD NOW Free Cost Element RecD NOW Free Cost Element RecD NOW Free Cost Element RecD NOW Free Cost Element RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution RecD NOW Free Cost Revolution R	BUDGE	BUDGET PROCUREMENT HISTORY PLANNING EXHIBIT (P-5A)	IT HISTORY	PLANNING	EXHIBIT	(P-5A)			A. DATE FEBR	DAIE FEBRUARY 1995	1995
SUPPORT EQUIPMENT AF/M27M-1 NSN 4320-00-914-1120YZ CONTRACTOR/ LOCATION CONTRACT & TYPE CONTRACTED BY AWARD DATE FIRST DELIVERY DATE FIRST DELIVERY QUINT COST DELIVERY UNIT AVAIL AVAIL NOW SPECS AVAIL NOW CONTION AFMC/SA-ALC ATINE, IL FEB 95 ATINE, IL MAY 96 ATINE, IL 1 40,476 AVAIL AVAIL AVAIL AVAIL AVAIL AVAIL AVAIL AVAIL BECODIVISION 1 40,476 AVAIL AVAIL AVAIL AVAIL AVAIL AVAIL AVAIL BECODIVISION 7 24,626 AVES YES		9	ost in thousands of	dollars	C D 4 ITE	BE NOMEN	CI ATURE H	IYDRAULIC F	OMPING	S UNIT,	
IACT CONTRACTED AWARD DATE of BY FIRST QUANTITY UNIT of BY SPECS PE BY DATE of BY FIRST of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY AVAIL of BY	B. APPROPRIATION/BUDGET ACT	IVITY MON SUPPORT EQUI	PMENT		AF/M27M	1 NSN 432	20-00-914-11	20YZ			
CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY	משפים של היים היים היים היים היים היים היים היי					1000	VITTIANIO	LINE	SPECS	SPEC	IF YES,
HECO DIVISION C/FFP AFMC/SA-ALC FEB 93 MAR 95 1 40,476 FEB 95 HECO DIVISION AFMC/SA-ALC FEB 95 SEP 95 65 24,626 YES FEB 95 GS FEB 95	Cost Element FISCAL YEAR	CONTRACTOR/ LOCATION	CONTRACT METHOD	CONTRACTED	AWARD DATE	DATE OF FIRST DELIVERY	200	COST	AVAIL	REQ'D	WHEN
HECO DIVISION C/FFP AFMC/SA-ALC FEB 93 MAR 95 1 40,476 YES HECO DIVISION OPTION AFMC/SA-ALC CCT 95 MAY 96 186 24,626 YES SAME ROCKFORD CO, HECO DIVISION PALATINE, IL			1						•		
BARKER ROCKFORD CO, HECO DIVISION PALATINE, IL	FY92 FY95 FY96	HECO DIVISION HECO DIVISION HECO DIVISION	C/FFP OPTION OPTION	AFMC/SA-ALC AFMC/SA-ALC AFMC/SA-ALC	FEB 93 OCT 95	MAR 95 SEP 95 MAY 96	- 65 186	40,476 24,626 24,626	YES	9 9	
		BARKER ROCKFORD CO, HECO DIVISION PALATINE, IL								4.	

D. HEMARKS •FY95 AND FY96 UNIT COSTS BASED ON MODIFICATION OF FY92 C/FFP WITH UNIT COSTS OF \$24,626,00 FOR QUANTITIES 21 OR GREATER.

it P-5a Procurement History and Planning	104	
Exhib		
PAGE NO.		
P-1 SHOPP LIST	ITEM NO.	

P.1 SHOPPING LIST ITEM NO. UNCLASSIFIED

		The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon								
SUPPLIES AND STATE OF SCHEDULE		P.1 ITEM NOMENCLATER THE P.1			FISCAL YEAR 96	88		FISCAL TEAN		< 1
ITEMMFG S	PROC ACCPT BAL	FISCA	FISCAL YEAR 95	3 05	3	CALENDAR YEAR 96	R 96	CALENDA	CALENDAR YEAR 97	- w I
PROCUREMENT TEAM R	OTY PRIOR	1-Oct OCT NOVIDEC JAN FEB MA	MARAPRIMAY JUN JUL AUG SEP OCT NOV DEC JAN FEB	AS SEP OCT NOV DEC	JAN FEB MARAPR	MAY JUN JUL	UG SEP OCT NOV DE	MARIAPR MAY JUN JUL AUG SEP OCT NOY DEC JAN FEB MARIAPR MAY JUN JUL	AY JUN JUL AUG SEP	
FY80	2 3		01 01 01 01	8						
FY91	9 -	A H		1	6					
FY95 AF	65 0	O		2	2	01 01	01 01 01 01	10 10 10 10	01 01 01 01	9
FY96	186 0 18			2 -					+	_
	FINS 1 0 1				5 10					+
FY95 (BP10 Initial (C-17))	2									\vdash
										-
										+
										+-
										+
					+					
		+								+
	+									+
	+									+
-										+
						+				
										\dashv
									- !	5
1074	326	326 0 0 0 0	1 10 10 10 10	01 01 01 0	01 01 01 01	10 10 10	10 10 10 10	01 01 00	0. 0. 0.	2
200		OCT NOV DEC JAN FE	OCT NOV DECIJAN FEB MAN APRIMAN JUNIJAN AND SEP DOCT NOVIDECIJAN FEB MAN APRIMAN JUNI AUG SEP DOCT NOVIDECIJAN FEB MAN APRIMAN JUNI AUG SEP DOCT NOVIDECIJAN FEB MAN APRIMAN A	AUG SEP OCT NOVI	DEC JAN FEB MAR	AFRIMAY JUN JA	A AUG SEP OCT NO	V DEC JAN FEB MARAP	P MAY JUN JUL AUG	SEP
MANUFACTURER'S NAME AND	PROD BATES REA-		PROCUREMENT	LEAD LIME						
LOCA? BARKER ROCKFORD CO.	NIN	4 8	ADMIN LEAD TIME PR 1 OCT AFT 1 OCT	MANUFACTURING	TOTAL AFTER T					
HECO DIVISION	2	INITIAL								
PALALINE, IL				4	^					

TEMMANUFACTURERY PROCUREMENT TEMMANUFACTURERY PROCUREMENT OCT INOV DEC JAN FEB MAN AN JUL AUG SEP OCT NOV DEC FY966 10 6	EP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP	CALENDAR YEAR 00
TEMMAANUFACTURER PROCUREMENT 97 97 OCT NOV DEC. JAN FEB WAR APRI WAY, JAN JAL AUG PY96 10 6	N N N N N N N N N N N N N N N N N N N	JAN FEB MARAPH MAY JUN JUL AUG SEI
YEAR	2	JAN FEB WARAPP MAY JUN JUL AUG SE
10		
10		
100		
10		
10		
•		
		0 0 0 0 0 0 0 0
TOTAL		
OCT NOV DEC JAN FEB MARIAPR	MAY JUN JUL AUGISEP OCT NOVIDEC AN FEB MARIAPRIMAY JUN JUL AUGISEP OCT NOVIDEC AN FEB MARIAPRIMAY JUN JUL AUGISEP	ECLJAN FEB MARIAPRIMAY JUN JUL FAUGIS
REMARKS		

P-1 SHOPPING LIST ITEM NO. UNCLASSIFIED

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

\$ 8 8 186 405 405 REMARKS: VARIANCE BETWEEN REQUIRED AND PLANNED FY96 PROCUREMENT IS DUE TO 15 BP10 FUNDED INITIAL REQUIREMENTS FOR THE C-17 P-1 ITEM NOMENCLATURE: HYDRAULIC PUMPING UNIT, AF/M27M-1 APPROVED ACQUISITION OBJECTIVE Assets Required for Combat Loads Air National Guard Requirement Air Force Reserve Requirement PROCUREMENT REQUIREMENT Required FY97 Procurement Required FY96 Procurement Planned FY97 Procurement Planned FY96 Procurement Number of Combat Loads War Reserve Requirement Less FY96 Planned Proc Total FY96 Requirement **Fotal FY97 Requirement** Air Force Requirement NVENTORY OBJECTIVE Maintenance Pipeline Combat Expenditures TOTAL REQUIREMENT Less Net Assets Annual Training ess Net Assets Annual Testing NSN 4320-00-914-1120YZ 8 387 187 59 187 AND THE DEFERRAL OF 4 WRM SHORTAGES TO FY98. DISPOSALS (Planned & Projected thru FY96 FDP) ACTUAL OTHER THAN TRAINING EXPENDITURE AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT PROCUREMENT LEADTIME: 7 months APPROPRIATION / BUDGET ACTIVITY ACTUAL TRAINING EXPENDITURE TOTAL DISPOSALS (21 MONTHS) Due-In w/all Prior Years' Funds On Hand as of 31 Mar 94 FY95 since as of date: Due-In w/FY95 Funds TOTAL ASSETS: NET ASSETS: FY93 FY92 FY94 FY93 FY92 FY94 FY91 FY97: FY98: FY99: FY96:

Exhibit P-20 Requirements Study

ITEM NO.
UNCLASSIFIED

P-1 SHOPPING LIST

PAGE NO. 1 0F 1

APPROPRIATIO AIRCRAFT PRO OUANTITY ST (In MII)	BUDGET ITEM JUSTIFICATION BUDGET ITEM JUSTIFICATION	(EXHIBIT P-40)	APPROPRIATION/BUDGET ACTIVITY COMMON SLIPPORT EQUIPMENT	FY 1997 FY 1998 FT 1959	9 37 121 0	\$6.107 \$0.000 \$0.000	\$0.000
------------------------------------------------	------------------------------------------------------	----------------	---------------------------------------------------------	-------------------------	------------	-------------------------	---------

motor, trailer and housing. This unit is used in aircraft maintenance hangars to pressurize aircraft hydraulic systems where it would be unsafe to use the diesel A. DESCRIPTION/FUNCTION: The Hydraulic Test Stand, 3 System is a trailer mounted, electric powered unit. Dimensions are 61 inches high by 60 inches wide by 96 inches in length. Fully loaded it will weigh 4,900 pounds. The major components consist of a hydraulic system, control panel, fan/blower, electric powered hydraulic test stand, the aircrafts engines or auxiliary power unit. This pressurization allows a functional check of the flight control systems and landing gear operations prior to aircraft flight.

configurations, the supply system is required to maintain multiple replacement items. Maintenance personnel required to operate and maintain these units have to be trained on all. Procurement of this new unit will provide increased reliability and standardization as well as decreased O&M and training costs. B. PURPOSE OF PROCUREMENT: . Current 3 system hydraulic test stands average 26 years in age and consist of 4 national stock numbers and configurations. All have exceeded their service life of 20 years and many of them are quickly becoming difficult to maintain. Due to the numerous

C. APPLICATION: All Air Force aircraft requiring 3 system hydraulic support.

D. REQUIREMENTS: FY96 - 2 (First Articles) FY97 - 37 replacements

E. IMPACT: Without these replacements, O&M and training costs will continue to escalate. Lack of reliable, maintainable 3 system hydraulic test stands will greatly hamper the efficiency and safety of the fighter, rescue and recovery and special operations forces. Inadequate testing of flight controls and landing gears could lead to loss of aircrews and aircraft.

UNCLASSIFIED PAGE NO. P.1 SHOPP LIST ITEM NO.

_			
L		2	
U	L	j	
=		-	
L	ŀ		
7	7	À	
4	Į	d	ļ
Ç	j	P	Ì
4	ć	į	
			ĺ
2	,		
1			į
-	2	7	
1			į

	ME	WEADON SYSTEM COST	SVST	EN	SOST	AN A	CLA	UNCLASSIFIED ANALYSIS EXHIBIT (UNCLASSIFIED FANALYSIS EXHIBIT (P-5)	.5)					D. DATE FEB	ATE FEBRUARY 1995	RY 199	5
				(Cost	(Cost in thousands of dollars)	inds of d	tollars)	Idoa	AN AB	ME	-	C. MANUFACTURER NAME/PLANT/ CITY/STATE	JF ACT	URER	NAME/P	LANT/	CITY/S	TATE
A APPROPRIATION/BUDGET ACTIVITY	T ACTI	/II/	8.	EAPC	N MO	DELISI	ENIES		B. WEAPON MODEL/SERIES, FOLDER		_	LOCATION	Z					
TITLE/NO.			HYDE	IAULI	IC TES	T STA	ND, 3	SYSTE	HYDRAULIC TEST STAND, 3 SYSTEM, ELECTRIC	TRIC		UNKNOWN	Z×					
AIRCRAFT PROCUREMENT, COMMON	COMM	NO	NSN	492(NSN: 4920-01-380-4744	0.4744	•											
SUPPORT EQUIPMENT						-												
Monay System Cost								2	900			FY 1996	960			FY 1997	166	
Weapon of stome	CODE		F	FY 1994		+		CRRILL	CAA			TINO				TINO!	-	Tacci
			UNIT	-	900		OTV.	COST	_	TOTAL COST	OTY	COST	TOTA	TOTAL COST	ΔŢ	SOSI	101	IOIAL COSI
		₽Ţ0	SOS	\dashv	101AL COST	1			1									
						-		_	_		2	95		96	37	49		1,813
HYDRAULIC TEST STAND	⋖													251				
TECHNICAL DATA														441				1,813
TOTAL				_				_	_		_	_	_		_	_		
3	-																	

PAGE NO.

P-1 SHOPP LIST ITEM NO.

189 Exhibit P-5 Weapon System Cost Analysis

		1	Ì
L	1	J	ļ
ī	į		
(J	7	
•			
			Ì
1			
8	4	7	
8			
•			

BUDGE	BUDGET PROCUREMENT HISTORY PLANNING EXHIBIT (P-5A)	IT HISTORY	PLANNING	EXHIBIT	(P-5A)			FEBR	FEBRUARY 1995	995
TO SEPTION BINGET ACTIVITY	O) VIIV	(Cost in thousands of dollars)	dollars)	C. P.	ITEM NON	MENCLATURE ECTRIC	C. P-1 ITEM NOMENCLATURE HYDRAULIC TEST STAND, 3	IC TES 101-380-4	STAND	e
THOUSE THE PROPERTY COMMEN	ION SUPPORT EQU	PMENT			31315	71111111	TIMIT	SPECS	SPEC	IF YES,
AIRCRAFT PROCUREMENT, COMMINICATION CONTRACTORY CONTRACTORY METHOR FISCAL YEAR	CONTRACTOR/ LOCATION	CONTRACT	CONTRACTED BY	AWARD	DATE OF FIRST DELIVERY	GUANIII	COST	AVAIL	REV REQ'D	WHEN
		4 1 TFE					•	200	Š	
	UNKNOWN	CAFFP	AFMC/SA-ALC	DEC 95	APH 97 JAN 98	37	6 4 C • 6	YES	0 2	

D. HEMARKS

• UNIT COST FOR FY96 (FIRST ARTICLE) AND FY97 ARE BASED ON ENGINEERING ESTIMATE.

Exhibit P-5a Procurement History and Planning P-1 SHOPP LIST PAGE NO.

UNCLASSIFIED P.1 SHOPPING LIST (TEM NO.

37 < - u c 0 OCTINOVIDECIJAN FEB IMARIAMPIJUN JULI ANGISEP OCTINOVIDECIJAN FEB IMARIAMPIJUN JULI AUGISEP OCTINOVIDECIJAN FEB IMARIAMPIJUN JULI AUGISEP PROCUREMENT LEAD TIME REMARKS: 100 1.00 OCT HOW DEC JAN FEB WARIAPR MAY JUN JUL AND SEP OCT HOW DEC JAN FEB MARIAPR MAY JUN JUL AND SEP OCT HOW DEC JAN FEB MARIAPR MAY JUN JUL AND SEP 0 ō CALENDAR YEAR 97 0 o FISCAL YEAR 97 0 DATE: FEBRUARY 1005 CALENDAR YEAR 96 0 0 FISCAL YEAR 96 0 0 MANUFACTURING TOTAL AFTER 1 P-1 ITEM NOMENCLATURE: HYDRAULIC TEST STAND, 3 SYSTEM, ELECTRIC 16 80 * 8 ō CALENDAR YEAR 95 0 PRIOCT AFTIOCT ADMIN LEAD TIME 0 FISCAL YEAR 05 0 0 0 0 0 REORDER 0 INTIAL OTY PRIOR DUE 94 CHD 42 REA. 37 TEWAMF BUDGET PRODUCTION SCHEDULE TEWAMFG PROCUREMENT S PROCACCPT BALL YEAR R OTY PRIOR DUE PROD RATES ¥ 42 37 Z FMS **AF** ¥ MANUFACTURER'S NAME AND LOCATION UNKNOWN TOTAL FY97 FY96 FY97

UNCLASSIFIED

Page 1 of 2 Pages Exhibit P-21 Production Schedule

$\begin{array}{c} 1.92 \\ \text{Page 2 of 2 Pages} \\ \text{Exhibit P-21 Production Schedule} \end{array}$

	ELECTRIC	EM, ELECTRIC DATE: FEBRUARY 1995		-
E INCHES SOLITORISTE	P-1 ITEM NOMENCLATURE: HYDHAULIN IEST STATES	EAR 99	FISC	. <
FY96.97 PHODUCIION SCHEDGE	FISCAL YEAR 98	CALENDAR YEAR 99	CALENDAR YEAR 00	- ш
TEMMANUFACTURERY PROCUREMENT	07 07 07			_
YEAH	OCT NOV DEC JAN FEB MAR APR	MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL	T NOV DEC JAN FEB MAR APR MAY JUN JUL AND SET	
	7 10 10 10			
FYB/	6			
FY97 (FMS)				
				4
				_
				_
				\dashv
				\dashv
				+
		1	0 0 0 0 0 0 0 0 0	0
TOTAL	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			- 1
	OCT NOV DEC LAN FEB MARIANN JUL ANG SEP OCT NOV DEC LAN FEB MARIAPRIMAY JUN JUL AUGISEP OCT NOV DEC LAN FEB MARIAPRIMAY JUN JUL AUGISEP	DEC JAN FEB MAR APR MAY JUN JUL AUG SEP O	OCT NOV DEC JAN FEB MARIAPRIMAY JUN JUL IAUGIS	<u>a</u>
REMARKS				

UNCLASSIFIED

P.1 SHOPPING LIST ITEM NO. UNCLASSIFIED

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

P-1 ITEM NOMENCLATURE: HYDRAULIC TEST STAND, 3 SYSTEM ELECTRIC APPROVED ACQUISITION OBJECTIVE Assets Required for Combat Loads Air National Guard Requirement Air Force Reserve Requirement PROCUREMENT REQUIREMENT Required FY97 Procurement Required FY96 Procurement Planned FY97 Procurement Planned FY96 Procurement Number of Combat Loads War Reserve Requirement Total FY96 Requirement Total FY97 Requirement Less FY96 Planned Proc Air Force Requirement INVENTORY OBJECTIVE Maintenance Pipeline Combat Expenditures TOTAL REQUIREMENT Less Net Assets Less Net Assets Annual Training Annual Testing NSN 4920-01-380-4744 3 189 89 234 234 REMARKS: FY96 PROCUREMENT IS FOR TWO FIRST ARTICLES ONLY. DISPOSALS (Planned & Projected thru FY96 FDP) ACTUAL OTHER THAN TRAINING EXPENDITURE AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT PROCUREMENT LEADTIME: 12 months APPROPRIATION / BUDGET ACTIVITY ACTUAL TRAINING EXPENDITURE TOTAL DISPOSALS (54 MONTHS) Due-in w/all Prior Years' Funds On Hand as of 31 Mar 94 FY95 since as of date: Due-In w/FY95 Funds TOTAL ASSETS: NET ASSETS: FY93 FY92 ASSETS FY94 FY95 FY93 FY92 FY97: FY95 **FY94** FY91 FY96: FY98: F799;

3

164

164

P-1 SHOPPING LIST ITEM NO.

UNCLASSIFIED

Exhibit P-20 Requirements Study

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

P-1 ITEM NOMENCLATURE: HYDRAULIC TEST STAND, 3 SYSTEM, ELECTRIC NSN:

Assets Required for Combat Loads

War Reserve Requirement

236

Annual Training Annual Testing

Combat Expenditures

Number of Combat Loads

INVENTORY OBJECTIVE

4920-01-380-4744

ET ACTIVITY AMON SUPPORT EQUIPMENT
UDG!
N / B
RIATION
PPROP
4 2

(SSETS) 2n Hand as of 31 Mar 94 2ne-in w/all Prior Years' Funds 2ne-in w/FY96 Funds OTAL ASSETS:	JSAGE (Planned & Projected thru FY97 FDP) -Y96 since as of date: FY97: FY98:	FYOO: TOTAL USAGE (54 MONTHS) PROCUREMENT LEADTIME: 12 months
	ASSETS On Hand as of 31 Mar 94 Due-in w/all Prior Years' Funds Due-in w/FY96 Funds TOTAL ASSETS:	ASSETS On Hand as of 31 Mar 94 On Hand as of 31 Mar 94 Due-In w/ell Prior Years' Funds Due-In w/FY96 Funds TOTAL ASSETS: FY96 since as of date: FY97: FY98:

PROCUREMENT LEADTIME: 12 THOURS	
NET ASSETS:	
ACTUAL TRAINING EXPENDITURE	
FY%	
FY95	
FY94	
FY93	
FY92	
ACTUAL OTHER THAN TRAINING EXPENDITURE FY96	

117

164

APPROVED ACQUISITION OBJECTIVE

TOTAL REQUIREMENT

PROCUREMENT REQUIREMENT

47

Total FY97 Requirement

Less Net Assets

Required FY97 Procurement

Planned FY97 Procurement

Air National Guard Requirement Air Force Reserve Requirement

Maintenance Pipeline Air Force Requirement

ND PLANNED PROCUREMENT DUE TO PRODUCIBILIT	
FY94 FY92 FY92 REMARKS: VARIANCE BETWEEN TOTAL FY97 REQUIRED A	

Required FY98 Procurement

Less FY97 Planned Proc

Less Net Assets

fotal FY98 Requirement

Planned FY98 Procurement

FY94 795

P-1 SHOPPING LIST TEM NO.

PAGE NO. 2 OF & 4

Exhibit P-20 Requirements Study

		BUDGI	BUDGET ITEM JUSTIFICATION	FICATION			DATE: FEBRUARY 1995	RY 1995	
			EANIDII F-4	101111111111111111111111111111111111111	ATHOR Linds	Julic Tost Stand 3	System, Diesel		
APPROPRIA	APPROPRIATION/BUDGET ACTIVITY	TIVITY		P-1 EM NOMENCLATORE DIVINGUES COMMS (920-01-380-7460	ACLAIONE NY	J: 4920-01-380-74	8		
AIRCRAFT	AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT	COMMON SUPPO	- 1		0007.74	0007	EV 2000	FY 2001	
		1005	EV 1006	FY 1997	FY 1998	FT 1999	1 2000		
	FY 1994	FT 1995	0001		177	75	c	C	
		C	c	20	711	0/			
QUANTILY	>	>	7		200 44	0000	60000	0000	
COOT WELLEN	\$0,000	\$0.000	8.639	\$.980	\$5.905	\$3.689	90.00	200.00	
COST (III MIII)	90.00	60.000							

A. DESCRIPTION/FUNCTION: The Hydraulic Test Stand, 3 System is a trailer mounted, diesel powered unit. Dimensions are 61 inches high by 60 inches wide by 96 inches in length. Fully loaded it will weigh 4,900 pounds. The major components consist of a hydraulic system, control panel, fan/blower, diesel engine system, trailer and housing. This unit is used on the flightline to pressurize aircraft hydraulic systems without having to use the aircraft's engines or auxiliary power unit. This pressurization allows a functional check of the flight control systems and landing gear operations prior to aircraft flight.

have to be trained on all. Procurement of this new unit will provide increased reliability and standardization as well as decreased O&M and training costs. The B. PURPOSE OF PROCUREMENT: Current 3 system hydraulic test stands average 26 years in age and consist of numerous national stock numbers and configurations, the supply system is required to maintain multiple replacement items. Maintenance personnel required to operate and maintain these units configurations. All have exceeded their service life of 16 years and many of them are quickly becoming difficult to maintain. Due to the numerous diesel engine will also meet environmental restrictions.

C. APPLICATION: All Air Force aircraft requiring 3 system hydraulic support.

D. REQUIREMENTS: FY96 - 2 (First Articles) FY97 - 12 shortages

- 8 replacements

3 system hydraulic test stands will greatly hamper the efficiency and safety of the fighter, rescue and recovery and special operations forces. Inadequate testing of flight controls and landing E. IMPACT: Without these replacements, O&M and training costs will continue to escalate. Lack of reliable, maintain gears could lead to loss of aircrews and aircraft.

2	1
19	

	-
Ä N O	
PAG	
TSI	
SHOPP L	
P-1	-

A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO. AIRCRAFT PROCUREMENT, COMMON	WEA ACTIN	NO ATT	WEAPON SYSTEM COST (Cost in thous ACTIVITY B. WEAPON MO HYDRAULIC TES OMMON NSN: 4920-01-36	EM C	SYSTEM COST ANALYS (Cost in thousands of dollars) B. WEAPON MODEL/SERIE: HYDRAULIC TEST STAND, 3 NSN: 4920-01-380-7460	VALYSI of dollars) JSERIES TAND, 3	SYSTER	SYSTEM COST ANALYSIS EXHIBIT (P-5) (Cost in thousands of dollars) B. WEAPON MODEL/SERIES/ POPULAR NAME HYDRAULIC TEST STAND, 3 SYSTEM, DIESEL NSN: 4920-01-380-7460		C. M/ LOCA UNKA	C. MANUFA LOCATION UNKNOWN	ACTURER	FEB NAME/PL/	FEBRUARY 1995	C. MANUFACTURER NAME/PLANT/ CITY/STATE LOCATION UNKNOWN
Weapon System Cost	IDENT		ì				EV 1005	עס		Ē	FY 1996			FY 1997	26
Elements	9		L LN	<u> </u>	1000	1	TIND	TOTAL COST	-	OTY COST	-	TOTAL COST	αTγ	COST	TOTAL COST
		ary	1803 1803	-	IOIAL COST		3	_	ļ	_	_	190	20	49	086
HYDRAULIC LEST STAND TECHNICAL DATA	<						·					449			
TOTAL							_		_		_	629	_	_	086

	PAGE NO. Exhibit P-5 Weapon System Cost Anality P.5 Weapon Sys
--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

BUDGE	BUDGET PROCUREMENT HISTORY PLANNING EXHIBIT (P-5A)	NT HISTORY	PLANNING	EXHIBIT	(P-5A)			A. DATE FEBRI	DATE FEBRUARY 1995	995
B. APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT	UPPORT EQ	Cost in mousands of domers)	or dollars)	C. P-1 ITE	M NOMEN	C. P-1 ITEM NOMENCLATURE HYDRAULIC TEST STAND, 3 SYSTEM, DIESEL NSN: 4920-01-380-7	LATURE HYDRAULIC TEST STAND, 3 SYSTEM, DIESEL NSN: 4920-01-380-7460	TEST ST/ : 4920-0	AND, 3 1-380-74	09
Cost Element/ FISCAL YEAR	CONTRACTOR/ LOCATION	CONTRACT METHOD	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	COST	SPECS AVAIL NOW	SPEC REV REQ'D	IF YES, WHEN AVAIL
FY96 FY97	UNKNOWN	C/FFP	AFMC/SA-ALC AFMC/SA-ALC	DEC 95 JUN 97	APR 97 JAN 98	~ &	95*	YES	9 9	

77 ARE BASED ON ENGINEER ESTIMATE.
(LE) AND FY9
FIRST ARTICLI
S FOR FY96 (
D. REMARKS UNIT COST

 /	7
19	
Exhibit P-5a Procurement History and Planning	
PAGE NO.	
P-1 SHOPP LIST ITEM NO.	

				Ľ	_)	-				P-1 I EM NOMENCE OF STATE OF S														1							Ī	
X.L	S HOLL	CHED	2	+		-		FISC	A VE	FISCAL YEAR 95				-			E	FISCAL YEAR 96	YEAR	96							FISC	FISCAL YEAR 97	18 BY				×
ITEMMAFG PROCUREMENT	S III	8	PROC ACCPT BAL	+	-					N.	NDA	9 YE	CALENDAR YEAR 95	-		-			5	CALENDAR YEAR 96	ARY	EAR	98			_		CALENDAR YEAR 97	DAR	EAR	71		- ш
	_	¥	OTY PRIOR DUE	_	94 94	70		Ì	ł	-			-	-		+	-			1	-	-			H	1						3	•
		-	90.	8	N N	V DEC	1-04 OCT NOV DEC JAN FEB		MAR	¥	J.	3	8	8	MARIAPRIMAY JUN JUL AUG BEP OCT NOV DEC	S	JAN FEE	FEB MAR APR MAY JUN JUL, AUG SEP OCT NOV DEC JAN	APR	7	3	¥ .	SEP	8	8	¥ 0	8	MAR APR MAY JUN JUL AUG SET	¥	5 5	3	ķ	
9023	AF.	2	0	2					+	+			+	+	1	O	+	-		+	+	+-			+	\bot	<u> </u>	Ž.	(+	+-		90
		20	0	8	-	_				+	_		1	+	4	_	+	1		+	+	+			+	+		+	>	1	+		23
	-	23	0	23						\dashv	_		1	+	I	1	+	+	I	+	+	+	1	1	+	+		+	_		-		
					-1					+	4			+	\bot	1	+	-			+	+	-		+	+		+	\perp		+		
		\vdash		-+	\dashv	\dashv				+	+		1	+			+	+			+	+	+		+	+		+	+		-	-	
		\dashv	+	+	\dashv	+	_		1	+	+	\perp		+	+		+	-	L		+	+	+		+-	-		-	_				
		-	\dashv	+	+	\dashv	4	I	+	+	4		1	+	-	1	+	+		I	+	+	-			-			-		-		
		+	+	+	+	+	+			+	+			+	+		+	+-	1	I	1	╁	-		\vdash	-			-				
	1	+	+	\dagger	+	+	+	Ţ		+	+			+	-		+	+	-			+	-									-	
	+	+	\dagger	+	+	+	+			+	+	1		+	+		+	-				Н							\dashv		+	-	_
		+	+	\dagger	\dagger	+	+	_		+-	+	-			-								-			\dashv	_	1	+		+	-	1
		+	+	\dagger	+	╁	+	_			+	-											+	4		+	4	1	+		+	+	_
		+			\vdash	-	-				\vdash				-			+	+			+	+	_		+	-		+		+	+	+
		\vdash				-	_	_							-			+	-	1		\top	+	1		+	+		+	1		+	-
											\dashv	_		1	+	\Box		+	+	4		+	+	+		+	+		+	1		+	+-
	L	\vdash					_					\dashv			\dashv	1		+	+	4		+	+	+	1	+	+	1	+	-		+	+
						\vdash	\dashv				+	-			+			+	-				+	-		+	+		+	+		+	+-
	#	+				+	+	_			-	+			+-	-		+-	+-				+ -:	++			++		\vdash			+	-
TOTAL	+	5	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	~	0	0	0	0
					200	3	¥ 2	<u> </u>	¥	APR	W JI	3	- AS	SEP.	OCT NOVIDEC JAN FEB MARIAPRIMAY JUN JUL. AUGISEP OCT NOVIDEC JAN FEB IMARIAPRIMAY JUN JUL. AUGISEP OCT NOVIDEC JAN	X DEC	JAN	8	AR	W.	- S	J.	8	8	NON	DEC	3	FEB MAR APR MAY JUN JUL AUG SEP	APR X	NA A	100	36	<u>a</u>
MANUFACTURER'S NAME AND	PBO	PROD RATES	TES	REA.						990	UBE	EN	3	₩ F					1.	C .	ġ												
SCATION	Z S			충					9 1	ADMIN LEAD TIME	SAD AF	ND TIME		NUFAC	MANUFACTURING	6 dd	TOTAL AFTER 1	FIEH	-														
ONNIGORIA	-	1	2		INITIAL	₹					+-	8	+	=	*	-	F	16															
		1	1				١.		+		1		-		a	-	۱	a															

P-1 SHOPPING LIST ITEM NO. UNCLASSIFIED

FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISCAL VEAR 99 FISC			THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P				
	196/97 PRODUCTION SCHEDULE	P-1 II EM INCI	FISCAL VEAD OF	FISCAL YEAR 99		HSCAL TEAN W	
0			FISCAL TEAM SO	CALENDAR YEA	R 99	CALENDAR YEAR 00	
	TEMMANUFACTURER/ PROCUMEMENT	07 07	CALENDAH YEAH 98				
(FMS)	TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TOTHET THE TICAL TO THE TICAL TO THE TICAL TO THE TICAL TO THE TICA		MAY JUN	T NOV DEC JAN FEB MAR APR MAY JUN JUL A	UG SEP OCT NOV DEC.	UAN FEB MAR APR MAY JUN JUL A	3
(S)			10				
	797		· · ·				+
. XX	Y97 (FMS)						
. XX							
. AKS							
. XKS							
. AKS							
. AKS							
. XKS							
. SXE							
. AKS							
. SXE							0
. SAF	TOTAL	0	10 10 10 12 3 0 0 0	0 0 0 0 0 0 0	0 0 0		
		OCT NOV DEC	JAN FEB MAR APR MAY JUN JUL AUG SEP OC	CT NOV DEC JAN FEB MAR APR MAY JUN JUL	AUG SEP OCT NOV DEC	JAN FEB MARIAPRIMAY JUN JUL	AUG SEP
	HEMARKS						

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

P-1 ITEM NOMENCLATURE: HYDRAULIC TEST STAND, 3 SYSTEM DIESEL

NSN 4920-01-380-7460

	5
	T EQUIPME
VIIV	JPPORT E
ET ACT	MMON SI
/ BUDGET ACTIVI	CRAFT PROCUREMENT, COMMON SUPPORT EQ
/ NOITAIGGOOD	CUREM
/Idd Co	RAFT PR
) dag	AIRCRAF!

Due-in w/all Prior Years' Funds On Hand as of 31 Mar 94 Due-In w/FY95 Funds TOTAL ASSETS: ASSETS

DISPOSALS (Planned & Projected thru FY96 FDP)

FY95 since as of date: FY96:

FY98: FY97:

TOTAL DISPOSALS (54 MONTHS) FY99:

PROCUREMENT LEADTIME: 12 months

NET ASSETS:

ACTUAL TRAINING EXPENDITURE

FY95 FY94 FY93 FY92

FY91

ACTUAL OTHER THAN TRAINING EXPENDITURE

FY94 FY93 FY92

REMARKS: FY96 PROCUREMENT IS FOR TWO FIRST ARTICLES ONLY FY91

395 395 212 395 APPROVED ACQUISITION OBJECTIVE Assets Required for Combat Loads Air National Guard Requirement Air Force Reserve Requirement Required FY97 Procurement PROCUREMENT REQUIREMENT Required FY96 Procurement Planned FY97 Procurement Planned FY96 Procurement Number of Combat Loads War Reserve Requirement Less FY96 Planned Proc **Fotal Fy97 Requirement** otal FY96 Requirement Air Force Requirement Maintenance Pipeline **NVENTORY OBJECTIVE** Combat Expenditures TOTAL REQUIREMENT Less Net Assets ess Net Assets Annual Training Annual Testing 212 214 214 426

P-1 SHOPPING LIST TEM NO.

PAGE NO. 1 OF 200

UNCLASSIFIED

Exhibit P-20 Requirements Study

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT APPROPRIATION / BUDGET ACTIVITY

Due-In w/all Prior Years' Funds On Hand as of 31 Mar 94 Due-In w/FY96 Funds TOTAL ASSETS: DISPOSALS (Planned & Projected thru FY97 FDP) FY96 since as of date: FY97:

FY98: FY99:

500

TOTAL DISPOSALS (54 MONTHS)

PROCUREMENT LEADTIME: 12 months

NET ASSETS:

ACTUAL TRAINING EXPENDITURE

FY95 **FY94**

FY93

FY92

ACTUAL OTHER THAN TRAINING EXPENDITURE

FY95 FY96

FY94

FY92 FY93

REMARKS

NSN: 4920-01-380-7460

P-1 ITEM NOMENCLATURE: HYDRAULIC TEST STAND, 3 SYSTEM DIESEL

INVENTORY OBJECTIVE

Assets Required for Combat Loads Air National Guard Requirement Alr Force Reserve Requirement Number of Combat Loads War Reserve Requirement Maintenance Pipeline Air Force Requirement Combat Expenditures Annual Training Annual Testing 428 214 426

214

TOTAL REQUIREMENT

APPROVED ACQUISITION OBJECTIVE

Required FY97 Procurement Total FY97 Requirement Less Net Assets

PROCUREMENT REQUIREMENT

214

395 214

181

395

395

Planned FY97 Procurement

rotal FY98 Requirement Less Net Assets

Required FY98 Procurement Planned FY98 Procurement Less FY97 Planned Proc

PAGE NO. 2 OF ± 0.1

UNCLASSIFIED

P-1 SHOPPING LIST

TEM NO.

Exhibit P-20 Requirements Study

DATE: FEBRUARY 1995

	mponent	EV 2000 FY 2001	+	59	\$6.449		
NOIL	P-1 ITEM NOMENCLATURE Test Stand, Hydraulic Component	NSN: 4920-00-450-005	EV 1007 FY 1998 FY 1999	-	40	\$0.000	
BUDGET ITEM JUSTIFICATION	(EXHIBIT P-4	APPROPRIATION/BUDGET ACTIVITY STIPPORT FOUIPMENT	AIRCRAFT PROCUREMENT, COMMON SOLL CITY	1	2 0 0 2		

controls, indicators, and ports used during test stand operation. The stand is used to check serviceability of aircraft components prior to installation, pressure A. DESCRIPTION/FUNCTION: The Hydraulic Component Test Stand is comprised of two parts. The first section is the drive console which houses a drive panel, pump mounting pad, and skid that contains a variable speed direct current electric drive motor with associated parts. It also contains a high pressure system hydraulic pump with electric drive motor, volume control, high pressure filter, and ripple filter. The second section is a control console containing check locally manufactured hoses, and test repaired aircraft hydraulic components.

B. PURPOSE OF PROCUREMENT: Current test stands will have exceeded their service life by 5 to 10 years by beginning of production deliveries. Most are becoming increasingly difficult and costly to maintain. This will be a total inventory replacement procurement program.

C. APPLICATION: All Air Force maintained aircraft.

D. REQUIREMENTS: FY96 - 2 (First Articles)

inventory have hydraulic pressure requirements in the upper limits of the current stands and may well exceed these limits soon. Lack of proper hydraulic expenditures. Current stands have many parts that are no longer available through the supply system due to obsolescence. The newer aircraft in the E. IMPACT: Failure to procure this Hydraulic Component Test Stand will result in the continued costly repair of old, worn out units, and high manhour testing could result in possible failure of aircraft components, damage to equipment and aircraft as well as the loss of aircraft and aircrew lives.

PAGE NO. P-1 SHOPP LIST ITEM NO.

	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	
CLICC		THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P

	WF	WEAPON SYSTEM COST	SYST	EM	SOST	ANAL	YSIS	EXHE	ANALYSIS EXHIBIT (P-5)						D. DAIE FEBR	A I E FEBRUARY 1995	1995
				(Cost	In thousa	(Cost in thousands of dollars)	Vilars)	11000	AD MAR	ū	C	MANU	FACTUR	C. MANUFACTURER NAME/PLANT/ CITY/STATE	E/PLA	NT/ CIT	Y/STATE
A. APPROPRIATION/BUDGET ACTIVITY	r ACT	VITY	B. W	EAPC	N MOI	DELVSE	RIES/	707	B. WEAPON MODEL/SERIES/ PUPULAR WANTE	1	2	LOCATION	z				
TITLE/NO.			TEST	STAI	TEST STAND, HY	DRAUL	1000	IDRAULIC COMPONENT	TN			NWOWN	Z				
AIRCRAFT PROCUREMENT, COMMON	COMIN	NO	NSN:	4920	-00-45	NSN: 4920-00-450-0553					5			-			
SUPPORI EGUIPMENT										_				_			
Weapon System Cost	DENT							EV 1005	y Y			FY 1996	92			FY 1997	7
Flomente	3000 CODE		F	FY 1994		-		2	3	-		TINIT			5	LIND	
			TINO				710	COST	TOTAL COST	TSO	ary	COST	TOTAL COST	ST QTY	-	COST	TOTAL COST
		OTY	COST	4	TOTAL COST	+	5										
				-		-	_		_	_	-	250		200			
TEST STAND, HYDRAULIC COM	«			_							ı			220			
TECHNICAL DATA																	
				_										720	_	_	
TOTAL	_	_		-		-	•		_								

	Q
	INCLASSIFIED
PAGE NO.	ASS
PAG	N N
	45

P-1 SHOPP LIST ITEM NO.

203

Exhibit P-5 Weapon System Cost Analysis

()
1	ı	J
i	į	
i	Ī	2
(J	į
	ς	L
-		
•	2	2
-		
		ď

Bling	RIIDGET PROCUREMENT HISTORY PLANNING EXHIBIT (P-5A)	IT HISTORY	PLANNING	EXHIBIT	(P-5A)			A. DAIE FEBRI	FEBRUARY 1995	995
	0)	(Cost in thousands of dollars)	dollars)		NA PROPERTY.	T ATIIDE T	CHARLES ATTIBE TEST STAND, HYDRAULIC	HYDRAI	ULIC	
B. APPROPRIATION/BUDGET ACTIVITY B. APPROPRIATION/BUDGET ACTIVITY COMMON SUPPORT EQUIPMENT	UPPORT EQ	IPMENT		C. P-1 ITE	M NOMENCENT ENT NSN:	COMPONENT NSN: 4920-00-450-0553	0-0553			
AIRCHAFI PROCOREILLINI, VIII								SPECE	CDEC	IE VES
			Catto	AWADD	DATEOF	OUANTITY	- Z	07110	2	
Cost Element	CONTRACTOR/ LOCATION	METHOD	CONTRACTED BY				COST	AVAIL	REQ'D	AVAIL
		A ITPE						•		•
FY96	UNKNOWN	CFFP	AFMC/SA-ALC	MAR 96	JUL 97	8	250	λΕS	<u>Q</u>	- 1-21-22

D. REMARKS • FY96 FIRST ARTICLE UNIT COSTS BASED ON ENGINEERING ESTIMATE.

PAGE NO. Exhibit P-5a Procurement History and Planning 204	
P-1 SHOPP LIST PAGE NO. ITEM NO.	UNCLASSIFIED

STATES HOUSET PRODUCTION SCHEDULE	TION SCHEDULE	P-1 IIEM INCMERCE:	P. I I EM NOMENCIAL STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STAT		FISCAL YEAR 96		FISCAL YEAR 97	· <
TENANTE PROCEIREMENT			FISCAL YEAR 95			30 0	CALENDAR YEAR 97	-
			CALENDAR YEAR 95	95	CALENDAH YEAH VB	00		w E
	V 1-Oct 1-Oct 1-Oct	SOCT NOV DEC JAN FEB	MAR APR MAY JUN JUL ANG SEP OCT NOV DEC	SEP OCT NOV DEC J	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	AUG SEP OCT NOV DEC JAN	FEB MAR APR MAY JUN JUL AUG SEP	\rightarrow
FY06	AF 2 0	2			U			
								1
								$\frac{1}{1}$
								1
								+
	+							+
								+
						0 0 0	0 0 0 0 0 0	0
TOTAL	0	0 0 0 0 0			NAM FEB MARY JUN JUL	AUG SEP OCT NOV DEC	AN FEB MARIAPR MAY JUN JUL A	JG SEP
MANUFACTURER'S NAME AND	t	OCT NOVIDEC LAN FEB		AD TIME	REMARKS: 2 fir	REMARKS: 2 first article units to be retained delivered as last two production units.	PROCUREMENT LEAD TIME Adjusted as last two production units.	R SIADOLL
OCATION	OO HAIES	HEA.	1	MANUFACTURING TOTAL AFTER 1				
UNKNOWN	X		PR 1 OCT AFT 1 OCT	3				
	-	MITIAL	7 6	18	21			
		010000						

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

TEST STAND, HYDRAULIC COMPONENT NSN: 4920-00-450-0553

P-1 ITEM NOMENCLATURE:

Number of Combat Loads

Combat Expenditures

INVENTORY OBJECTIVE

	AFRI	
_	APT COLLIPA	ON LEGIS
T ACTIVIT	Coolin inch	DMMON SOLL
/ BUDGE	-	Č
NOITAI		ROCUREMEN
APPROPE		AIRCRAFT P

APPROPRIATION / BUDGE! ACTIVITY AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT	
ASSETS On Hand as of 31 Mar 94	
Due-in w/all Prior Years' Funds	
Due-in w/FY95 Funds	
TOTAL ASSETS:	

Disposals (Planned & Projected thru FY96 FDP)
FY97:
FY98:
FY99:

		onthe	2 = 5	
	ONTHS)	8	1	
	N Q	A STATE		
	ALS (ı	년 =	
	SPOSALS		EMEN	
: ?	OTA! D)	OCURE	
×	C	2	2	

CTUAL TRAINING EXPENDITURE					
ACTUAL	FY95	FY94	FY93	FY92	

NET ASSETS:

FILE		
EYDE		
MIN		
A TOA	2	
A LIT A	Y	
	E	
	INAL	Z,

FY91

4			
FY95	FY94	FY93	5

REMARKS: THIS IS A COMPLETE INVENTORY REPLACEMENT PROGRAM. MANUFACTURING LEAD TIME PRECLUDES PROCUREMENT OF OTHER THAN 2 FIRST ARTICLE UNIT IN FY96; FULL SCALE PRODUCTION PROGRAMMED TO START IN FY98.

PAGE NO.1 05,106

Exhibit P-20 Requirements Study

UNCLASSIFIED P-1 SHOPPING LIST TEM NO.

Assets Required for Combat Loads Air National Guard Requirement War Reserve Requirement

Maintenance Pipeline Air Force Requirement

Annual Training Annual Testing

232

Air Force Reserve Requirement

TOTAL REQUIREMENT

APPROVED ACQUISITION OBJECTIVE

PROCUREMENT REQUIREMENT

232

Required FY96 Procurement otal FY96 Requirement Less Net Assets

232

251

251

Planned FY96 Procurement Total FY97 Requirement

Required FY97 Procurement Planned FY97 Procurement ess FY96 Planned Proc Less Net Assets

\$0.000 \$0.000 \$2.435 \$2.337	BUDGET ITEM JUST (EXHIBIT P-4 APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMENT FY 1994 FY 1996 FY 1996 OUANTITY O 144	BUDGE T ACTIVITY INT, COMMON SUPPOI	BUDGET ITEM JUSTIFIC (EXHIBIT P-40) V SUPPORT EQUIPMENT FY 1996 1995 144	SIT P-40) P-1 ITEM NOMEN MENT 996 FY 1997 14	ICLATURE Ultraso NSN: FY 1998	nic Flaw Detect 6635-01-363-66 FY 1999 0	or System 74 FY 2000 0 \$0.000	or System 74 FY 2000 FY 2001 0 0 \$0.000 \$0.000
	\$0.000 \$	\$0.000	\$2.435	\$2.33/	90.000	200.00		

instrument will provide the following features: A square wave pulser for electronic damping which will provide both resolution and penetration while maintaining measurement down to 0.01 inch of aluminum; on board real time digital mass data recording; and horizontal or vertical linearity and gain accuracy/repeatability A. DESCRIPTION/FUNCTION: The Ultrasonic Flaw Detector System will be used to inspect structurally critical aircraft components for small defects. The output impedance; large, high resolution cathode-ray tube to provide greater visual resolution; on board digitathickness gauge and data logger for accurate compatible with the new probability of detection requirements.

B. PURPOSE OF PROCUREMENT: Total replacement procurement program to achieve state-of-the-art technology flaw detection. Current flaw detectors are becoming obsolete, with many exceeding their useful service life. This single unit will replace 5 other stock listed flaw detectors.

C. APPLICATION: Used in Non-Destructive Inspection (NDI) laboratories throughout the Air Force in support of all aircraft.

D. REQUIREMENTS: FY96 - 144 replacements

FY97 - 134 replacements

E. IMPACT: State-of-the-art ultrasonic flaw detectors are needed to keep pace with the introduction of new materials used in the construction of Air Force lity of these new materials and aircraft are quickly exceeding the capability of the current flaw detectors. Flight safety and the lives of aircrew members could be jeopardized without the availability of this new state-of-the-art flaw detector.

F. TYPE ITEM: A

P-1 SHOPP LIST	PAGE NO.	
LE NO.		707

VIII CA TICOLOGICA	BUDGET PROCUREMENT HISTORY PLANNING EARLIDIT (1-3A)	T HISTORY	PLANNING	EXHIBIT	(MC-7)			FEBR	FEBRUARY 1995	1995
A APPROPRIATION/BUDGE! ACTIVITY		(Cost in thousands of dollars)	dollars)	C. P-1	TEM NOME	NCLATURE STEM NSN	C. P-1 ITEM NOMENCLATURE ULTRASONIC FLAW DETECTOR SYSTEM NSN: 6635-01-363-6674	IIC FLAW 3-6674	V DETEC	TOR
AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPMEN Coet Element Coet Elemen	CONTRACTOR/ LOCATION	CONTRACT	CONTRACTED	AWARD	DATE OF FIRST	QUANTITY	UNIT	SPECS AVAIL NOW	SPEC REV REQ'D	IF YES, WHEN AVAIL
	STAVELY UNKNOWN UNKNOWN UNKNOWN 421 NORTH QUAY ST KENNEWICK, WA	C/FFP C/FFP OPTION	AFMC/SA-ALC AFMC/SA-ALC AFMC/SA-ALC AFMC/SA-ALC	NOV 92 APR 95 MAY 96 DEC 96	AUG 93 AUG 95 NOV 96 JUN 97	o 8 1 2	15.5* 16.9 17	YES	<u> </u>	

D. REMARKS

• FY93 UNIT COST ESTIMATE BASED ON FY92 CONTRACT PRICE. FY98 AND FY97 UNIT COSTS BASED ON FY93 UNIT COST INFLATED BY RESPECTIVE INFLATION INDICES.

208	
Exhibit P-5a Procurement History and Planning	
PAGE NO.	
P-1 SHOPP LIST	

See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See See	NOMENCLATURE: ULTRASONIC FLAW DETECTOR	COOK! VEAD 07
THEMMINE STATE OF THE STATE OF THE STATE OF THE STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF	FISCAL YEAR 96	
CUREMENT YEAR E OUPEMENT YEAR R AF 10-06 1-0-06 000 AF 134 0 134 AF 134 0 134 ARWY 100 0 100 NAVY 100 0 100 NAVY 100 0 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 100 ARWY 1		CALENDAR YEAR 97
AF 1444 0 144 AF 1444 0 144 AF 1444 0 144 AF 1444 0 144 AF 1444 0 144 ARWY 100 0 100 ARW		
AF 30 0 30 AF 134 0 144 AF 134 0 134 ABMY 100 0 100 FMS 20 0 20 FMS 20 0 20 FMS 20 0 20 TAL 861 0 0 681 ABMY 100 0 100 FMS 20 0 20 FMS 20	US SEP OCT NOV DEC JAN FEB MAR APR MAY JAN JAL, AUG SEP OCT NOV DEC JAN	V DEC JAN FEB MARAPH MAY JUN JUL AUG SEP
AF 144 0 144 AF 134 0 134 DMMF 24 0 24 FMS 28 0 29 FMS 20 0 20 FMS 20 0 100 FMS 20 0 100 FMS 20 0 20	8 8	
AF 134 0 134 FMS 28 0 29 FMS 28 0 29 FMS 28 0 20 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAVY 100 0 100 MAXY	O	5
FAMS 28 0 28 FAMS 28 0 28 FAMS 28 0 28 FAMS 28 0 28 FAMS 28 0 28 FAMS 28 0 28 FAMS 28 0 28 FAMS 28 0 28 FAMS 28 0 28 FAMS 28 0 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS 28 FAMS		C 7 12 12 12 81
FMS 28 0 29 FMS 28 0 29 FMS 20 0 20 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 TAL MAN PROD PATES REA- KNOWN		
FMS 28 0 28 FMS 28 0 28 FMS 28 0 20 FMS 20 0 100 FMS 20 0 100 FMS 20 0 20 FMS	0	
FMS 28 0 29 ARMY 100 0 100 FMS 20 0 30 FMS 20 0 30 FMS 20 0 80 FMS 20 0 680 FMS 20 0 100 FMS		
ARMY 100 0 100 FMS 20 0 20 FMS 20 0 20 FMS 40 0 100 FMS 40 0 100 FMS 20 0 20 FMS 40 0 20 FMS 40 0 100 FMS	0	
ARMY 100 0 100 NAVY 100 0 100 FMS 20 0 20 TMAY 100 0 100 NAVY 100 0 100 ANAVY 100 0 100 ANAVY 100 0 100 MAY 100 0 100 ANAVY 100 0 100 MAY 100 0 100	E 7 7 10 10 10 10 10 10 10 10 10	
FMS 20 0 20 FMS 20 0 20 FMS 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY 100 0 100 MANY		2
AL. 681 0 081 AL. 681 0 081 AL. 681 0 081 AL. 681 0 081 AL. 681 0 081 ALON MAN AND PROP PATES REA. CHO.		
NAVY 100 0 100 NAVY 100 0 100 NAVY 100 0 681 NAVY 100 0 0 100 NAVY 100 0 100 NAVY 1	7 8 6	
AL. 681 0 681 AL. 681 0 681 CHACTURERS NAME AND PROD PATES REA- ATION MAY CHO-		00
AL 681 0 081 UFACTURERS NAME AND PROD PATES REA- ATION MAN CHO-		
CTURERS NAME AND PROD PATES REA-		
CTURERS NAME AND PROD PATES REA-		
CTURER'S NAME AND PROD PATES REA-		
CTURERS NAME AND PROD PATES REA-		
CTURERS NAME AND PROD PATES PEA-		
CTURERS NAME AND PROD PATES REA-		
CTURER'S NAME AND PROD FATES READOWN		
CTURERS NAME AND PROD PATES PEA-		
CTURER'S NAME AND PROD BATES REA-		
CTURERS NAME AND PROD FATES REA-		
CTURER'S NAME AND PROD BATES REA-		8
CTURERS NAME AND PROD FATES REA-	8 8 8	3
PROD RATES REA-	AUG SEP OCT NOVIDEC JAN FEB MARAPH MAY JUN JUL, AUG SEP OCT	NOVIDEC JAN FEB MAR APR MAY JUN JUL AUG SEP
MIN MAX CHD ADMIN LEAD TIME PH 1 OCT AFT 1 OCT	LEAD TIME HEMAHNS	
MAN CHUM	1	
	1	
INTIAL		
REORDER 7 0	13	

P-1 SHOPPING LIST ITEM NO. UNCLASSIFIED

FY96/97 PRODUCTION SCHEDULE			TOCAL TEXAS	-	
	FISCAL VEAR 98	FISCAL YEAR 99		_ {	
		CALENDAR YEAR 99	CALENDAR YEAR 00	- ш	
YEAR	76 76 78	OV DEC JAN FEB MAR APP JUN JUL AUG SEP OCT NOV DI	SEC JAN FEB MAR APR MAY JUN JUL AUG SEP		
	OCT NOV DEC JAN FEB MANATH MAN BOTH BOL AND CO.				
FY97 (AF CONTINUED)	12 12 12 12 12 12 7				
FY97 (NAVY CONTINUED)	77				
					,
			0 0 0 0 0 0 0 0	0	•
TOTAL		DE CONTRACTOR OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY	VIDEC JAN FEB MARIAPRIMAY JUN JUL AUG	SEP	
REWARKS	OCT NOV DEC JAN FEB IMARIAPH IMAY JUN NUL ANGISEF I OCT				
		• europoliua i ist			210
		THE NO.	Page 2 of 2 Pages Exhibit P-21 Production Schedule	age 2 of 2 oduction S	Pages heduls
	5				

Exhibit P-20 Requirements Study

UNCLASSIFIED

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

P-1 ITEM NOMENCLATURE: ULTRASONIC FLAW DETECTOR SYSTEM

NSN: 6635-01-363-6674

Assets Required for Combat Loads

War Reserve Requirement

514

Annual Training Annual Testing

Combat Expenditures

Number of Combat Loads

484 8

INVENTORY OBJECTIVE

Z. APPROPRIATION / BUDGET ACTIVITY

AIRCRAFT PROCUREMENT, COMMON SUPPORT EQUIPME
ASSETS
On Hand as of 31 Mail 44
Due-in w/all Prior Years' Funds
Due-In w/FY95 Funds
TOTAL ASSETS:

DISPOSALS (Planned & Projected thru FY96 FDP)
FY95 since as of date:
FY96:
FY97:
FY98:
FY99:
TOTAL DISPOSALS (39 MONTHS)
DOOCH DEMENT I FADTIME: 13 months

NET ASSETS:	
ACTUAL TRAINING EXPENDITURE	
FY95	
FY94	
FY93	
FY92	
EVOI	

282

482

APPROVED ACQUISITION OBJECTIVE

PROCUREMENT REQUIREMENT

295

Total FY96 Requirement

Less Net Assets

Required FY96 Procurement

Planned FY96 Procurement

Fotal FY97 Requirement

482

150 B

Air National Guard Requirement

187

Air Force Requirement Maintenance Pipeline

Air Force Reserve Requirement

TOTAL REQUIREMENT

219

144

187

	7
	<u>u</u>
	\$
	<u> </u>
	10
	7
	Z
	<
	5
	3
	3
	=
	2
	w
	Ξ
	O
	~
	\supset
	- 7
•	×
•	

_	
ER	
I	
0	
₹	
2	
Ş	
-	

7.43	FY94	FY93	FY

ALS (Planned & Projected thru FY96 FDP) Ice as of date:	
DISPOSALS (39 MONTHS) PREMENT LEADTIME: 13 months	

ACTUAL TRAINING EXPENDITURE
FY95
FY94
FY93
FY92
FY91

뀖	
EN	
X	
9	
Z	
M	
Z	
王	
띪	
5	
V	
링	4
¥	£

Required FY97 Procurement

Less FY96 Planned Proc

Less Net Assets

Planned FY97 Procurement

FY95	FY94	FY93	FY92

REMARKS: VARIANCE BETWEEN FY

UNCLASSIFIED

PAGE NO.1 OF 2

REQUIREMENTS STUDY

DATE: FEBRUARY 1995

PRIATION / BUDGET ACTIVITY SPOCURMENT COMMON SUPPORT EQUIPMENT

APPROPRIATION / BODOLI ACTOR	ASSETS On Hand as of 31 Mar 94 Due-in w/all Prior Years' Funds Due-in w/FY96 Funds
APPRO	ASSETS On Har Due-in TOTAL

FY96 since as of date: FY97: FY98: FY98:

NET ASSETS:

ACTUAL TRA	ACTUAL TRAINING EXPENDITUR
FY96	
FY95	
FY94	
FY93	
FY92	

A

TURE
XPEND
ZING E
N TRAI
THA
OTHE
CTUAL

					KS:
FY96	FY95	FY94	FY93	FY92	REMARKS:

EM		150 53 482 482	482 348 134	
P-1 ITEM NOMENCLATURE: ULTRASONIC FLAW DETECTOR SYSTEM NSN: 6635-01-363-6674	INVENTORY OBJECTIVE Number of Combat Loads Assets Required for Combat Loads Combat Expenditures War Reserve Requirement Annual Training Annual Testing Maintenance Pipeline	Air Force Requirement Air National Guard Requirement Air Force Reserve Requirement TOTAL REQUIREMENT	PROCUREMENT REQUIREMENT Total FY97 Requirement Less Net Assets Required FY97 Procurement Planned FY97 Procurement	Total FY98 Requirement Less Net Assets Less FY97 Planned Proc Required FY98 Procurement Planned FY98 Procurement
P-1 ITEM NOMENCLATUR NSN: 6635-01-363-6674	484 174 0 658	310	š	

P-1 SHOPPING LIST TIEM NO. UNCLASSIFIED

PAGE NO. 2 OF 2

Exhibit P-20 Requirements Study

A. DESCRIPTION/FUNCTION: Interim Contractor Support (ICS) is a pre-planned, temporary support afternative for the initial period of operational use of new U.S. Air Force weapon systems, equipment or modifications for which eventual organic support is planned. With ICS a contractor provides repair based on operational tempo, reliability and maintainability factors and past/projected failure rates. ICS incorporates non-recurring investment costs such as repair parts procurement, technical data and support equipment.

B. PURPOSE OF PROCUREMENT: ICS is designed to provide a bridge from an acquisition process to an Air Force self-sustaining program. It allows time for support equipment development/delivery, training and training equipment development/delivery, technical data development/validation and spares identification/delivery.

C. APPLICATION: Common support equipment ICS funding supports the B-1B, B-52, C-5, C-130, E-3, F-16, F-15, and KC-135 aircraft.

UNCLASSIFIED

PAGE NO.

P-1 SHOPP LIST ITEM NO.

	WE	APON	SYSTE	WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	NALY	SIS EXH	IBIT (P-5)				D. DATE	ATE FEBRUARY 1995	7 1995
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO. AIRCRAFT PROCUREMENT, COMMON	r ACTI	VITY	B. WE	(Cost in thousands of dollars) B. WEAPON MODEL/SERIE INTERIM CONTRACTOR SU	nds of dollars) SEL/SERIES/ POP ACTOR SUPPORT	ES/ POPI	nds of dollars) EL/SERIES/ POPULAR NAME CTOR SUPPORT		C. MANUF, LOCATION N/A	C. MANUFACTURER NAME/PLANT/ CITY/STATE LOCATION N/A	NAME/P	LANT/ CI	ITY/STATE
UPPORT EQUIPMENT Weapon System Cost	IDENT					7	EV 1995		FY 1996	96		FY 1997	76
Elements	3000	OT.	UNIT TOST	TOTAL COST	- OTV	H	TOTAL COST	ΔТО	COST	TOTAL COST	OTV	COST	TOTAL COST
1. B-1B Intermediate ATE 2. AN/USM-603 Elec Test Sta 3. Engine Test/Trim Auto Sys 4. Radio Freq Trans Line Tester 5. Mod Inter Dep Auto Test Sta 6. Malf Anlys Data and Rec Sys 7. Digital Data Control Module 8. AN/USM-639 10. Transmitter Test Set 11. Benchtop Reconf Auto Tester				2,000 1,300 653 1,200 1,500	0 0 8 0 4 0		490 498 300 300 390 150	08 0 6000		498 300 57 300 495 150			300 57 300 495 150
TOTAL				7,6	7,607		2,384	- ¥		2,280			1,782

	1			
	1			
	1			
	-			
	1			
	1	-	-	
	1	-		
	R	Ш	ш	
-	-6	7		
	1	2		
	1	0	<u></u>	
	-	4	7	
	ı	U	Ŋ	
	- 1	4	1	
	- 1		1	
	ı	2	7	
		(
		-	7	
		4		
_	_		J	
	- 6	0.5		

PAGE NO.

P.1 SHOPP LIST ITEM NO.

Exhibit P-5 Weapon System Cost Analysis

0
Ш
-
L
46
S
S
4
-
U
Z
-

UNCLASSIFIED DATE FEBRUARY 1995 INSTITUTE OF THE MALE FEBRUARY 1995	NT, COMMON SUPPORT EQUIPMENT	\$52.711 \$30.703
	APPR(AIRCI	QUANTITY COST (in Mil)

A. DESCRIPTION/FUNCTION: Items less than \$2,000,000 procure replacement organizational and intermediate (common and peculiar) support equipment for out-of-production aircraft. These items, common (used on more than one weapon system) and peculiar (unique to one weapon system), are used in direct for out-of-production aircraft. These items, common (used on more than one weapon system) and servicing requirements. These replacement requirements ensure continuation of serviceable, supportable equipment over support of aircraft maintenance and servicing requirements. the life of a weapon system.

В. ТҮРЕ ITEM: All items are Code A.

A listing of items less than \$2,000,000 follows.

UNCLASSIFIED

PAGE NO.

P-1 SHOPP LIST ITEM NO.

21

	ITEMS LESS THAN \$2M (DOLLARS IN MILLIONS)	TEMS LESS THAN \$2M (DOLLARS IN MILLIONS)			
			FY96	Œ	FY97
NOON	NSN	AIN.	AMOUNT	δ <u>I</u>	AMOUNT
	AK35-01-142-9109	38	.843		
PORTABLE X-RAY MACHINE	6625-01-247-6378	2	1.407		
ELECIRCHIC IESI SEI	6130-01-287-1621	70	1.963	8	1.992
POWER SUPPLIFIED OF SELECTION CONVERTER	6130-01-241-6852			8	000
TOWER SUPERING	5180-01-374-8266	18	.978	S	707
DENACTE TOWNAMED	4920-01-2465575	2	7205.		
ENCINE TEST STAND	4920-00-438-3814	2	02.1		
PACITAL DATA CONTROL MONITOR	4920-01-334-7074DG	7	50.1		
CARIN I FAKAGE TESTER	4920-00-431-9397	49	.040		
NOISE & IDPRESOR DEMOUNTABLE	4920-01-070-2721	-	1./14		1767
LETONI OXAIN PLANT	3655-00-722-3901			4	10/1
POTABLY VACILITY PLIMP	4310-00-898-9959	88	500	8 8	1 20.
ETAIDCASE TOLCK	1730-01-374-2604	က	7527		1,700
ADVANCED DIAGNOSTICS SYSTEM	NSI	4	0.500	0	1.07
R-2 SIPPORT EQUIPMENT			BCC.		Ť.
			14 480		10.691
SUBTOTAL			14:00		
ITEMS LESS THAN \$500,000					
FEDERAL SIOCK GROOF (139)					
IB) A BOW ORD CHAIRM			1.282		1.845
FSG 1730 (ACF) GROUND SERVICE ESCHOL			1.499		2.817
FSG 4310 (PUMPS AND CONFRESSORS)			6.489		8.831
FSG 4920 (ACFI MAINIENANCE SHOP SE)			1.216		1.649
FSG 6115 (GENERALORS)			3.015		4.620
FSG 6625 (ELECTRONIC IESI EGUIP)			3.067		3.710
FSG 6635 (PHYSICAL PROPILES ESCUP)			4.100	0	4.147
OINEK					
SUBTOTAL			20.668		27.619
			25 257		38.310
MALO			00.00		

SIMULATO	SIMULATOR AND TRAINING DEVICE JUSTIFICATION (\$ in Millions)	VICE JUSTIF	CATION (\$ in Millions)			DATE	6-Feb-95	
(TY\$ in Millions)	ions)							7	
Appropriatio 3010/BP12	Appropriation/P-1 Line Item 3010/BP12	Weapon System(If Applicable) AMC UPGRADE	stem(If App ADE		Equipment Nomenclature	Nomenclatu		PE 41897F, 54119F	19F
								70,0	
Ein Dlan	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	lotal
רווו רומוו		· ·	-	0	C	C	C		0
Organtity	0	5	5	0)	>		Т	000
Carriery)	15 442	39 977	35.719	14.003	46.59	46.59 27.145	26.414	28.590	233.880
FIOC	311.01		1						
RDT&E					(-			000 0
088	2.000	000.9	0	0	0	0			0.000
	TAUDOUGH BLACKO CHIRE	3 7 4							

TRAINING SYSTEM DESCRIPTION

reducing aircraft hours. Systems involved are the C-5, C-141, KC-135, and KC-10. Upgrades include KC-10 Boom Operator Trainer computation system upgrade, the Cockpit Procedure Trainer receives The AMC Upgrade program will reduce aircraft training flights by upgrading training devices to allow provide six degree motion, computer upgrade, day/night/dusk wide field of view visual system; and the C-5 Visual Systems and Database Generation Set; C-141 sound/buffet capability; KC-135 to FAA Level C equivalent training. Pilots would then be qualified from ground training, significantly a new control loading system and a visual system, and an upgrade to the main simulator visual system to a state of the art day/night/dusk wide field of view visual system.

ŀ	LIST Page NO. EARIED 7-43	1 of 2 Simulator & Training Device Justification	
	P-1 Snopping List	Item No.	69

SIMULATOR AND I RAINING DEVICE JUST								-				
Training Device by Type	AMC UPGRADE	ADE	DE			Weapon System (If Applicable) C-5, C-141, KC-135, and KC-10.	stem (If Ap KC-135, a	plicable) nd KC-10.				
Description/Justification (\$ in Millions) Pilot & maintenance fraining equipment	Millions) quipment	The AMC FAA Leve	Upgrade	program walent traini	vill reduce ing. Pilot	s aircraft trass would the	aining fliç en be qu	ghts by upg alified fron	grading tra	he AMC Upgrade program will reduce aircraft training flights by upgrading training devices to allow -AA Level C equivalent training. Pilots would then be qualified from ground training, significantly	ses to allo inificantly	*
i		EVOA .	audeling all circles in Systems	EVOS	F	FY96	E	FY97	Cost to C	Cost to Complete	Total Cost	Cost
Financial Man	å	Cost	Off	Cost	Ą	Cost	Offy	Cost	Off	Cost	ð	Cost
HARDWARE COSTS Device (Hardware)		4		18.077		12.319		8.603		65.639		120.08
ECO's Nonrecurring		00		000		000		000		00		00
GFE Other (Visual System)		00		21.9		23.4		5.4		63.1		113.8
Total Hardware Costs		15.442		39.977		35.719		14.003		128.739		233.88
SUPPORT COSTS												
Special SE Integrated Logistics Supt. Other(Specify)				000		000		000		000		000
Total Support Costs		0		0		0	10		To	o		
Software/Courseware		0		0		0			0	0		
TOTAL COSTS		15 442		39 977	15	35.719	16	14.003	Ie.	128.739		233.88
		24.0		P-1 Shopp	P-1 Shopping List Item No.	ım No.		Page No.			EXHIBIT P-43	

P-40 FOR A NET P-1 COST		BUDGET ITEM	BUDGET ITEM JUSTIFICATION SHEET	SHEET				DATE February 6, 1995	ary 6, 1995		
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT/BA07, POST PRODUCTION SUPPORT	ACTIVITY /BA07, POST PRO	ODUCTION SUF	PORT		P-1 ITEM NOMENCLATURE F-15E	NCLATURE					
	FY 94	FY 95	FY 96	FY 97	FY 98	FY 99	FY 00	FY 01	TO COMPLETE	TOTAL PROGRAM	
			0	0	0	0		0		0	0
QUANILLY											
COST		-	0 14.0	11.6	8.7	8.7	8.8	8.9		0	60.7
(MILLIONS) RNITIAL SPARES		0	0.0	0.0	0.0	0.0	0.0	0.0		0	0.0
TOTAL (MILLIONS)		0	0 14.0	11.6	8.7	8.7	8.8	8.9		0	60.7
UNIT COST (MILLIONS)		0	0	0	0	0	0		0	0	0

sweeps in or out of the enemy's ground-controlled intercept environment. The F-15 is a twin engine single crew fixed swept aircraft designed for high maneuverability in air-to-MISSION AND DESCRIPTION: The F-15 tactical fighter is designed for the counter air mission. Air-to-air tasks include combat air continental air defense, escort and fighter air combat. Two 24,000 lb. thrust, Pratt & Whitney F-100 turbofan engines enable the F-15 to reach a dash speed of mach 2.5. The F-15E (Dual Rate Fighter) retains the basic air-to-air capability of the F-15 A-D tactical fighter and adds the systems necessary to meet the urgent requirement for all weather deep penetration and night/under-the-weather air-to-surface attack. It is a two seat aircraft configured with missionized cockpits, low attitude navigation, targeting and Infrared for night (Lantim) capability automatic terrain following/terrain avoidance, and other improvements necessary to fulfill the deep penetration and night/under-the-weather air-toair surface attack mission. FY(BY1)96 PROGRAM JUSTIFICATION: Interim Contractor Support is required to provide repair for critical air vehicle, engine, and ground support equipment assets from the time the equipment is fielded until the assets are organically supportable. SPO contractor support is required to support program management and administration and to improve the effectiveness of various management processes and procedures, including hazardous material management.

FY(BY2)97 PROGRAM JUSTIFICATION: Interim Contractor Support and SPO contractor support is continuing as described in FY96 justification.

EXHIBIT (P-5) (Dollars in Millions) (Dollars in Millions) (Dollars in Millions) (Dollars in Millions) (AFBA07 Pos (Brand Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229) (Eng Model: Falcon 229)	Activity TitlerNo. 3010/10328A AF/BA07 Post Prod Ident. FY94 Code Unit Cost	Name F-15E/EAGLE	빌		Flant City/State location	McDonnell Douglas Corp.		February 6, 1995	395
im Cost Elements ESSORIES alcon 229) way Components) RING COSTS	328A 77 Post Prod It. FY94 Unit Cost	F-15E/EAG	щ		-	COC SELECTOR		ONE	225
System Cost Elements ACCESSORIES ALCESSORIES S S S S Flyaway Components) CURRING COSTS	Unit Cost	-			St. Louis, MO)		1. 6	
System Cost Elements Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control C		OTV: 45	EVOS	0.26	FY96	0.40	-	FY97	O.AC
Airframes/CFE ENGINE/ACCESSORIES (Eng Model: Falcon 229) AVIONICS A. CFE B. GFE ARMAMENT OTHER GFE ECO (All Flyaway Components) NON-RECURRING COSTS (Tooling)		Tot. Cost	Unit Cost	Tot. Cost	Unit Cost	Tot. Cost		_[Tot. Cost
(Eng Model: Falcon 229) AVIONICS A CFE B GFE ARMAMENT OTHER GFE ECO (All Flyaway Components) NON-RECURRING COSTS (Tooling)						0	0.8	0	0.3
A. CFE B. GFE ARMAMENT OTHER GFE ECO (All Flyaway Components) NON-RECURRING COSTS (Tooling) (Other)						. :	_		
ARMAMENT OTHER GFE ECO (All Flyaway Components) NON-RECURRING COSTS (Tooling)									
ECO (All Flyaway Components) NON-RECURRING COSTS (Tooling) (Other)									
(Tooling)									
	,						-		
OTHER COSTS						0	8.0	0	0.3
Subtotal FLTAWAY COST AIRFRAME PGSE									
ENGINE PGSE									
PECULIAR TRAINING EQUIPMENT									
PUBLICATIONS/TECH, DATA									
ECO (All Support Items) OTHER (POST PROD SUPPORT)							13.2	•	11.3
SUBTOTAL SUPPORT COST	·					5 0	13.2	5 0	
GROSS P-1 END COST						·		•	
NET P-1 FULL FUNDING COST							14.0		11.6
(Must equal FY amount displayed on the P-40 exhibit)									
Plus Current Year ADV, PROC.									
Other Non P-1 Weapon System Costs									
Initial Spares Mods							79.5		143.0
TOTAL		_					93.5		154.6

P-40 FOR #	P-40 FOR A NET P-1 COST							4	1	- 6 400E		
			BUDGET ITEM	BUDGET ITEM JUSTIFICATION SHEET	SHEET			<u> </u>	DAIE rebrua	February o, 1990		
APPROPRI AIRCRAFT	APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT/BA07, POST PRODUCTION SUPPORT	STIVITY A07, POST PRC	DDUCTION SUF	рРОКТ		P-1 ITEM NOMENCLATURE F-16 Production Sup	NOMENCLATURE F-16 Production Support					
	PRIOR YEARS	FY 94	FY 96	FY 96	14.4/	FY 98	FY 99	FY 00	FY 01	TO COMPLETE	TOTAL PROGRAM	
VIIANTITY	0	0		0 0	0	0	0		0			0
COST												250
(MILLIONS)	0	0		0 194.7	84.3	19.9	29.7	16.9	14.0		0	333.0
INITIAL	0	0		0 6.5	5 6.9	20.9	16.0	16.4	16.9		0	83.6
TOTAL (MILLIONS)	0	0		0 201.2	2 91.2	40.8	45.7	33.3	30.9		0	443.1
UNIT COST (MILLIONS)	0	0		0	0	0	0	0	0		0	0

MISSION AND DESCRIPTION: The F-16 Multimission Fighter is a single seat, fixed wing, high performance, single engine fighter aircraft. The design, optimized for the 0.8 Mach speed range, incorporated advanced technology features to enhance its combat capability while minimizing its acquisition, operating, and support costs. The advanced technology features include a high visibility, high "g" cockpit. The F-16 armament consists of a 20mm cannon, air-to-surface and air-to-air missiles, and approximately 11,000 pounds of conventional and guided air-to-surface ordinance. The F-16 will replace the F-4s in the active inventory as well as modernize the reserve forces. Specific subsystems will become organically supportable during the FYDP period.

costs for the F-16 USAF program, program office mission support, and the procurement of deferred peculiar ground support equipment, weapon system training devices, and technical order FY96 PROGRAM JUSTIFICATION: This approprioation is for the initial contract award for prime contractor post production support of the F-16 weapon system, production line close down

FY97 PROGRAM JUSTIFICATION: This appropriation us for the continuation of prime contract post production support, program office mission support, and the procurement of deferred peculiar ground support equipment, weapon system training devices, and technical order support.

FY96 and FY97 includes funding for Program Management Administrative (PMA) requirements for technical, engineering, and acquisition support to the F-16 Production Program.

EXHIBIT (P-5)	1		-			Dient Chufctote lootier	de legation	Month/your	
	Activity Itle/No.	e/No.	Name			Plant City/State location	are rocarron	MOUNTAGE	1007
(Dollars in Thousands)	Aircraft Proc	oct Prod	F-16 Fighter Falcon	er Falcon		Lockheed, Ft Worth Co.	Worth Co.	February 6, 1995	1995
i	ייייייייייייייייייייייייייייייייייייייי	30.1	0	2002	0	LVOC	O shirt	CV07	C.
Weapon System Cost Elements	Code Code	Unit Cost	Tot. Cost	Unit Cost	Tol. Cost	Unit Cost	Tot. Cost	Unit Cost	Tot. Cost
Aidromocine	3	200							
ENGINE/ACCESSORIES (1 per A/C)									
(Find Model: F110)									
AVIONICS						~~~			
A. CFE									
B. GFE									
ARMAMENT							_		
OTHER GFE				-					
ECO (All Flyaway Components)									
MON-AECONAING COOLS							(0)	<u></u>	0
(Coming)							40,222	2	9,534
OTHER COSTS							26,308	80	58,882
Subtotal FLYAWAY COST							96,530	0	68,416
AIRFRAME PGSE							44,095	D G	
ENGINE PGSE							4,800	Q a	2 277
AVIONICS PGSE							32,240	0 -	117'6
PECULIAR TRAINING EQUIPMENT							100,1	- 0	4,300 6,852
PUBLICATIONS/TECH. DATA							4 540	y C	200,0
Program Management Admin (PMA)							5	2	3
OTHER (ICS)							08 142	2	15 895
Subtotal SUPPORT COST							194.672	2	84.311
GRUSS F-1 END COST									
LESS: PRIOR YR ADV. PROC							···	5	5
							194 677	2	84311
NET P-1 FULL FUNDING COST								1	1010
(must equal FT amount displayed on the P-40 exhibit)									
Other Non P-1 Wearen System Costs									
Initial Spares							6,452	29 29	6,895
Mods	T								
TOTA	1			0		0	319,730	90	234,313

Appropriation/P-1 Line Item 3010	Weapon System(If Applicable) F-16 UTD	ım(If Appli	cable)	Equipment Nomenclature	Nomenclat	ure		PE 27133F
Fin Plan Prior Years 92-94	Current FY	BY96	BY97	BY2+1	BY2+2	BY2+3	BY2+4	Total
-	0	9	0	0	0	0	0	14
20.42 *	00.00	4.87	4.97	4.57	5.77	00.0	00'0	40.60
RDT&E								
The Unit Training Device (UTD) is a low-cost, unit level trainer, designed for initial and continuation training in the areas of emergency procedures, LANTIRN, flight instrument training, air-to-air and air-to-ground weapon systems delivery. The UTD will be delivered to various USAF bases for their use at the unit level. This contract expires 30 Sep 98.	is a low-cost, un LANTIRN, fligh ious USAF base	it level tra t instrume s for their	iner, desigr nt training, use at the	ned for initia air-to-air an unit level. T	il and contir d air-to-grou This contrac	nuation train and weapor t expires 30	ing in the systems d Sep 98.	elivery.
NOTE: FY95/Pinor Years are funded in BP10, BA 01. FY96 and subsequent years are funded in BP13, BA07.	nded in BP10, B	A 01. FY	96 and subs	sequent yea	irs are fund	ed in BP13,	BA07.	
	P-1 Shopping List		Page No.	Page No. EXHIBIT P-43	-43		:	
	tow V		10,0	Similator & Training Daving Inchilination	Louining	Journal Profits	Footon	

SIMILI ATOR AND TRAINING DEVICE JUSTIFICATION	O TRAINING L	DEVICE JUSTIF	ICATION (Page 2) (\$000)	(00)			UAI E.	reordary o, 1990	220			
Appropriation/ P-1 Line Item		Weapon Syste F-16 UTD	Weapon System (If Applicable) F-16 UTD	IOC Date N/A	Equipment Nomenclature	eun		F	27133F			
Olocalization	Cito	Dalivery	Ready for	Average Student	Prior Years 92-94	rs 92-94	Current Year 95	Year 95	Budget Year1	Year1	Budget Year2	ar2
By Type	DIO	Date	Training Date	Throughput		Cost	Oth	Cost	Qfy	Cost	Oty	Cost
The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon					Č	0,00						
BLOCK 40L	POPE NC	18-Aug-95	19-Aug-95	180	∞	70.47						٠.
BLOCK 52	MNTN ID	15-Dec-95	15-Jan-96	180								
BLOCK 25	LUKE AZ	29-Mar-96	29-Apr-96	180 180								
BLOCK 30	MCCON KS	03-Oct-96	03-Nov-96	180 1								
BLOCK 30	SHAW SC	15-Oct-96	15-Nov-96	<u> </u>								
BLOCK 30	LUKE AZ	01-Nov-96	02-Dec-96	<u> </u>								
BLOCK 40	LUKE AZ	01-Feb-97	04-Mar-97	18D								
BLOCK 40	MOODY GA	01-Mar-97	01-Apr-97	TBO						****		
							0	0				
	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon											
				And the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s				-	The second second			
BLOCK 40	HILL UT	01-Oct-97	01-Nov-97	TB0					9	4.8/		
BLOCK 40	SHAW SC	15-Oct-97	15-Nov-97	TBD								
BLOCK 40	POPE SC	01-Nov-97	02-Dec-97	180								
BLOCK 40	RAMSTEIN	15-Nov-97	16-Dec-97	TBD								
BI OCK 40	LUKE AZ	01-Feb-98	04-Mar-98	1BD								
BLOCK 30	RAMSTEIN	15-Feb-98	18-Mar-98	TBD					TAN BURNANA	and the second	_	
											0	4.97
			P-1 Shopping List	ng List	Item No.		Page No.		EXHIBIT P-43	P-43		

	2		10000	-			115 Am	١.				
Training Device by Type PE: 27133F (3010) (TY)						Weapon System (if Applicable) F-16 UTD	stem (II Ap	piicable)				
Description/Justification The Unit Training Device (UTD) is a low-cost, unit level trainer, designed for initial and continuation training Device (UTD) is a low-cost, unit level trainer, designed for initial and continuation training Device (UTD) is a low-cost, unit level trainer, designed for initial and continuation training Device (UTD) is a low-cost, unit level trainer, designed for initial and continuation training Device (UTD) is a low-cost, unit level trainer, designed for initial and continuation training Device (UTD) is a low-cost, unit level trainer, designed for initial and continuation training Device (UTD) is a low-cost, unit level trainer, designed for initial and continuation training Device (UTD) is a low-cost, unit level trainer, designed for initial and continuation training training Device (UTD) is a low-cost, unit level trainer, designed for initial and continuation training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training training trai	son-mo	t, unit leve	l trainer, de	signed for ir	nitial and co	ontinuation t	raining in the	ne areas of e	mergency p	ial and continuation training in the areas of emergency procedures, LANTIRN, The LITD will be delivered to various USAF bases for their use at the unit level	ANTIRN, unit level.	
flight instrument training, air-to-air and air-to-glouild wear of Systems univery	d allr-to	Drier Veer 02.94	Current Year 95	Year 95	Budget Year 1	Year 1	Budget	Budget Year 2	Cost to Complete	complete	Total Cost	ost
8	2 2	Cost	Oty	Cost	Oty	Cost	Qty	Cost	Ofy	Cost	Qt	Cost
	80	4.00	0	0	9	4.32	0	0.4	0	0.78	14	8.32
		4.50			-			1.96			-	6.46
		0.69								3.89		4.58
		9.19		0		4.87		2.36		4.67		21.09
Special SE Integrated Logistics Supt. Other(Specify)		1.51										1.51
		1.51		0		0		0		0		1.51
Software/Courseware		9.72						2.61		5.67		18.00
	- α	20.42		0		6 4.87		0 4.97		0 10.34	14	40.6
				P-1 Shopp	P-1 Shopping List Item No.	rr. No.		Page No. 3 Of 3		EXHB	EXHIBIT P-43	

PE											
Section Prior Years Current FY BY96 BY97 BY2+1 BY2+2 BY2+3 BY2+4	Appropriati	on/P-1 Line Item 3010	Weapon Syst	em(If Appliand 16 WST		Equipment Weapon Sy	Nomenclat stem Train	ure er (WST)		PE 27133F	
Quantity 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0<	Fin Plan	Prior Years	Current FY	BY96	BY97	BY2+1	BY2+2	BY2+3	BY2+4	Total	
10	Oriantity	0	0	0	0	0	0	0	0		
Note: For 3010, FY95/Prior Years are funded in BP10, BA 01. FY96 and subsequent years are funded in BP10, BA 01. FY96 and subsequent years are funded in BP10. Bit and subsequent & Training Device Justification 1 of 2 3 imulator & Simulator	Proc	583.14	4.09	2.19	0	0	1.2				593.0
TRAINING SYSTEM DESCRIPTION The F-16 WST provides initial and continuous training for all F-16 aircrew members , both active and reserve. There are USAF F-16 WST provides initial and continuous training for all F-16 aircrew members , both active and reserve. There are USAF F-16 WST units throughout the world which require software changes and annual updates. There are no plans to procure additional WSTs; all of our updates involve software changes only to comply with aircraft modifications. The F-16 WST Program Manager expects that Unit Training Devices (UTDs) will replace the WST in FY 2000. For this reason, WST requirements end in FY 2000. For this reason, WST requirements end in FY 2000. Post this reason, WST requirements are funded in BP10, BA 01. FY96 and subsequent years are funded in BP13, BA 07. Post this reason, WST requirements are funded in BP10, BA 01. FY96 and subsequent years are funded in BP13, BA 07. The Mote: For 3010, FY95/Prior Years are funded in BP10, BA 01. FY96 and subsequent years are funded in BP13, BA 07. The Mote: For 3010, FY95/Prior Years are funded in BP10, BA 01. FY96 and subsequent years are funded in BP13, BA 07.	RDT&F	0	0	3.38	3.38						22.3
TRAINING SYSTEM DESCRIPTION The F-16 WST provides initial and continuous training for all F-16 aircrew members, both active and reserve. There are USAF F-16 WST provides initial and continuous training for all F-16 aircrew members, both active and reserve. There are USAF F-16 WST updates, and Improved Electronic Warfare Training Device (IEWTD) updates. There are no plans to procure additional WSTs; all of our updates involve software changes only to comply with aircraft modifications. The F-16 WST Program Manager expects that Unit Training Devices (UTDs) will replace the WST in FY 2000. For this reason, WST requirements end in FY 2000. Note: For 3010, FY95/Prior Years are funded in BP10, BA 01. FY96 and subsequent years are funded in BP13, BA 07. P-1 Shopping List Page No. EXHIBIT P-43	088	0	0	0	0	0	0	0	0		
P-1 Shopping List Page No. EXHIBIT P-43 1 of 2 Simulator & Training Device Justification	The F-16 W USAF F-16 LANTIRN, There are n modification For this rea Note: For	IST provides initial and WST units throughout Operational Flight Train o plans to procure addi is. The F-16 WST Progson, WST requirement 3010, FY95/Prior Ye	continuous trainin the world which ruer (OFT) updates, titional WSTs; all ogram Manager ext s end in FY 2000.	in BP10, Bi	s aircrew me are changes ed Electronic s involve sol nit Training D	mbers , both and annual u c Warfare Tra flware change levices (UTD and subse	active and rapdates. The siming Device es only to cc is) will replaced.	eserve. The ese updates e (IEWTD) up wriphy with air ce the WST is are funder	re are include: odates. craft n FY 2000. d in BP13,	BA 07.	
			P-1 Shoppin	g List	Page No.	EXHIBIT P	43				
			Item No.		1 of 2	Simulator	& Training	Device Just	ification		

Training Device by Type F-16 Weapon System (If Applicable) F-16 Weapon System Trainer F-16 Weapon System Training Device by Type The F-16 WST provides initial and continuous training for all F-16 aircrew members, both active and reserve. There are USAF F-16 WST units throughout the world which require software changes and annual updates. The F-16 WST Program Manager expects that Unit Training Devices (UTDs) will replace the WST in FY 2000. Financial Plan Alty Cost Qty Cost		5	Veanon Sv	noton (If Any	(aldevila				
F-16 Weapon System Trainer Description/Justification The F-16 WST provides initial and continuous training for all F-16 aircrew members , both active and reserve. There are USAF F-16 WST units throus software changes and annual updates. The F-16 WST Program Manager expects that Unit Training Devices (UTDs) will replace the WST in FY 2000. Software changes and annual updates. The F-16 WST Program Manager expects that Unit Training Devices (UTDs) will replace the WST in FY 2000. Financial Plan Application of the WST program Manager expects that Unit Training Devices (UTDs) will replace the WST in FY 2000. Cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cost to a cos		1	Total of	Weaport System (II Applicable)	חורמטום)				
Description/Justification The F-16 WST provides initial and continuous training for all F-16 a software changes and annual updates. The F-16 WST Program Me Financial Plan Prior Years Qty Cost ARDWARE COSTS Device (Hardware) 22 134.34		-	F-16 WST						
Software changes and annual updates. The 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work in the 1-10 work	aircrew members	, both active and	d reserve. T Devices (UT	There are US TDs) will repl	AF F-16 WS ace the WST	Tunits through	hout the world	d which requir	Ð
VARE COSTS 22 134.34 (Hardware)	Current Year	Budget Year 1	/ear 1	Budget Year 2	Year 2	Cost to Complete	Complete	-	Total Cost
VARE COSTS (Hardware) 22	Qty Cost	à	Cost	Qth	Cost	Qty	Cost	Oty	Cost
-									134.34
Nonrecurring GFE									
Office (specify)	-								
Total Hardware Costs		Го	0		0		0		134.34
SUPPORT COSTS									
Special SE Integrated Logistics Supt. Other(Specify)									
Total Support Costs		10	0		0		0		
Software/Courseware 448.80	4.0	4.09	2.19		0		3.58		458.66
TOTAL COSTS 583.14	4.(4.09	2.19	_	0		3.58	Lee	593.00
	P-1 Sho	P-1 Shopping List Item No.	No.		Page No. 2 of 2		EXHIE	EXHIBIT P-43	

BUDGET ITEM JUSTIFICATION SHEET	Date: FEB 1995
APPROPRIATION/BUDGET ACTIVITY	P-1 ITEM NOMENCLATURE
AIRCRAFT PROCUREMENT/BA07, AIRCRAFT SUPPORT EQUIPMENT AND	INDUSTRIAL PREPAREDNESS

	FY 1994	FY1995	FY1996	FY 1997	FY 1998	FY 1999	FY 1997 FY 1998 FY 1999 FY 2000 FY 2001	FY 2001
OUANTITY								
COST (IN millions)	25.084	51.131	48.297	34.348	33.333	34.211	35.239	36.299

Mission and Description:

- activities. IBA activities characterize the critical sectors and industries within the industrial base and provide information on industrial capability 1. Air Force industrial activities combine the resources of several appropriations to create a comprehensive program. The goal is to ensure that the defense industry is capable of supplying reliable, cost-effective systems to operational commanders. Major elements in the program include issues for consideration during key budget allocation, weapon acquisition, and logistic support decision processes. Funds in this appropriation management of government-owned industrial plants, the Defense Production Act Program, and support for industrial base assessment (IBA) are to support the aircraft procurement segment of Air Force activities.
- 2. Although the elements of cost are broken down in greater detail, two basic activities are funded in this appropriation: Industrial Plants and Industrial Base Assessment.
- A.B.C.D.F. and H. Air Force Industrial Plants cost elements. Consists of repair and expansion, major rehabilitation, environmental compliance, equipment movement and energy conservation at DoD-owned, contractor-operated industrial facilities. These plants are the backbone of DoD weapon system assembly and maintenance for the B-2, F-15, F-16, C-130, C-5B, and F-117 and future F-22.
- E. Industrial Base Assessment cost element. Provides identification and analysis of problems, essential and endangered capabilities involving industrial base sectors (aircraft) to assess the capability of the industrial base to support AF requirements. Collection and maintenance of industrial (aircraft) data supports affordable acquisition and sustainability requirements.

PI	ROGRAM COST	PROGRAM COST BREAKDOWN				Date: FEB 1995	366	
APPROPRIATION/BUDGET ACTIVITY	CHVITY			P-1 ITE	M NOME	P-1 ITEM NOMENCLATURE	EJ.	
AIRCRAFT PROCUREMENT/BA07, AIRCRAFT SURPORT EQUIPMENT AND FACILITIES	07, AIRCRAFT S	L PPORT EQUIPM	ENT AND		INDUST	INDUSTRIAL PREPAREDNESS	AREDNE	SS
				(Tot	al Cost in	(Total Cost in Millions of Dollars)	Dollars)	
ELEMENT OF COST	IDENT	FY 1994	FY	FY 1995	FY	FY 1996	F	FY 1997
		TOTAL	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL
A. EXPANSIONS	1000							
B. PACKING, CRATING, & HANDILLELL	2000							
C. CAPITAL TYPE REHABILITATION	3000	3.043		8.429		8.839		6.305
D. REPLACEMENT & MODERNIZATION	00 L:			8.378		14.058		3.848
E. INDUSTRIAL BASE ASSESSMENT	0009	4.012		4.324		5.596		5.689
F. ENVIRONMENTAL PROTECTION	7000	18.029		30.000		19.804		18.506
G. INDUSTRIAL MODERNIZATION	8000							
H. ENERGY CONSERVATION	0006						2	
TOTALS		25.084		51.131		48.297		34.348

BUDGET ITEM JUSTIFICATION SHEET	Date: FEB 1995
APPROPRIATION/BUDGET ACTIVITY	P-1 ITEM NOMENCLATURE
AIRCRAFT PROCUREMENT/BA07, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	BOMBER INDUSTRIAL BASE SUPPORT

	FY94/PRIOR FY1995	FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001	TC	TOTAL
QUANTITY	0	0	0	0	0	0	0	0	0	0
COST (TY\$ IN Millions)	0.0	125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125.0
		-								

Mission and Description:

program shall utilize the \$125M appropriated in FY 1995 to sustain B-2 production base capability for at least one more year while the This program is designed to identify and preserve critical industrial capabilities necessary to support heavy bomber production. The department conducts an analysis to determine the proper long range, heavy bomber force structure.

FY 1995 Program Justification:

The primary efforts of the FY 1995 program are in sustaining the supplier base, re-establishing suppliers of production parts, production work orders, re-familiarization and tool restoration. These funds will also support bomber force structure and bomber industrial base analytical studies.

			BUDGET ITEM JUSTIFICATION	FICATION			FEBRUARY 1995	1Y 1995	
			(EXHIBIT P-40)	(0					
APPROPRIATI	APPROPRIATION/BUDGET ACTIVITY	ADDGET ACTIVITY			BUDGET PI	BUDGET PROGRAM 1700 OVERVIEW	VERVIEW		
							000000	100004	
				20077	EV1008	FY1999	FY2000	FIZUOI	-
	74004	EV1005	FY1996	FY199/	11330				_
	FY 1884	00011							-
VTITION OF						07.2	404 CEE	425 592	
CONTINE			120	#21 AK1	\$32 411	\$33.546	434.000	400.00¢	7
COST (In Mill)	\$17.906	\$18.445	\$25.479	104.100					
((((((((((((((((((((200:110								
							Table Doole Adaptore	OLOUGE COLO	

A. DESCRIPTION/FUNCTION: This program provides initial/replacement War Consumables, and include commodities such as aircraft Tanks, Racks, Adapters, Pylons (TRAP) and Missile Launchers. These items (used on more than one weapon system) are used to support War Reserve Materiel (WRM) requirements or fleet inventory objectives.

B. PURPOSE OF PROCUREMENT: Items are being procured to fill deficits in WRM levels or fleet inventory objectives.

C. APPLICATION: Air Force maintained aircraft weapons systems.

D. REQUIREMENTS: Justifications are for fiscal years 1996 and 1997. Items required include launchers, adapters and inboard pylons.

E. SUMMARY OF FY96 - 97 PROCUREMENTS:

ITEM COST(\$In Mil) FY96 QTY LAU-128/129 Missile Rail Launcher 16.362 909 Adapter, ADU-552/A 8.910 891 Inboard Pylon, SUU-59C/A 0.207 8 Items Less Than \$2M 25.479
LAU-128/129 Adapter, ADU Inboard Pylon Items Less Th

UNCLASSIFIED

PAGE NO.

P-1 SHOPP LIST ITEM NO. 64

231

	BUDGI	BUDGET ITEM JUSTIFICATION	FICATION			DAIE FEBRUARY 1995	IY 1995	
		(EXHIBIT P-40)	(0)					
APPROPRIATION/BUDGET ACTIVITY	ABUDGET ACTIVITY		P-1 ITEM NOMENCLATURE LAU-118(v)4/A W/AC	CLATURE	JNCHER INTERF	M NOMENCLATURE LAU-118(v)4/A W/ACFT LAUNCHER INTERFACE COMPUTER (ALIC)	(ALIC)	
ALTERNATION OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF					174000	EY2000	FY2001	تضيم
	20001	EV1996	FY1997	FY1998	F11999	20021	c	-
FY1994	FY1995	11330			c	0		
	25	0	0		0000	\$0,000	\$0 000	
TITY 40	23	\$0,000	\$0.000	\$0.000	\$0.000	000.00		4
\$3 806	\$2.35/	90.000						

HARM launcher and provides an interface to the AGM-88 (HARM) anti-radiation missile. This interface is provided through the F-16C/D AGM-65 (Maverick) missile A. (U) Functional/Technical Description: The LAU-118(v)4/A ALIC Launcher is applicable to the F-16 aircraft. It is attached to the aft section of the LAU-118(v)4/A system and supplies missile targeting/tracking data and launch signals to on-board AGM-88 HARM missiles for defense suppression capability.

B. (U) Deficits/General Operational Requirements Satisfied by the Item Being Procured: The launchers are intended to replace those that are jettisoned in wartime. Normal peacetime stocks are insufficient to sustain projected wartime sortie rates. Procurement through FY95 procures WRM deficits for this item.

P-1 SHOPP LIST PAGE NO.
ITEM NO. 64
UNCLASSIFIED

232

0
Ш
I
S
S
d
4
9

BUDGET ITEM JUSTIFICATION	STIFICATION		DATE FEBRUARY 1995	ly 1995
(EXHIBIT P	P-40)			
1	P-1 ITEM NOMENCIALORE HH-53 CRASHWORTHY 650 GALLON TANKS	DRTHY 650 GAL	LON TANKS	
APAF/WAH CONSOMADIES		FY1999	FY2000	FY2001
EV1995 FY1996	FY1997 FY1990	0	0	0
7	0 00 00	\$0.000	\$0.000	\$0.000
COST (In Mil) \$0.000 \$0.864 \$0.000	\$0.000		e distribution of the second	c differ thought

A. (U) Functional/Technical Description: The 650 Gallon (Crashworthy) External Fuel Tank is applicable to the HH-53 helicopter and is attached to the aircraft with a pylon that is released during flight if necessary. There are two tanks per helicopter; both are jettisoned at the same time in case of an emergency.

are intended to replace those jettisoned in wartime. Normal peacetime operating stocks are insufficient to sustain projected wartime sortie rates. Procurement through FY95 fills all WRM deficits for this item. B. (U) Deficits/General Operational Requirements Satisfied by the Item Being Procured: The crashworthy tanks have replaced older non-crashworthy versions; they

	SIFIED
PAGE NO.	VCLASSIFI
P.1 SHOPP LIST ITEM NO. 64	5

		BUDGE	BUDGET ITEM JUSTIFI (EXHIBIT P-40)	USTIFICATION T P-40)			DATE FEBRUARY 1995	7Y 1995
APPROPRIA	APPROPRIATION/BUDGET ACTIVITY APAF/WAR CONSU	BUDGET ACTIVITY APAF/WAR CONSUMABLES		P-1 ITEM NOMENCLATURE	NCLATURE LAU-128/129	TURE LAU-128/129 MISSILE RAIL LAUNCHER	AUNCHER	
	FY1994	FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001
QUANTITY	577	623	606	208	0	0	0	0
OST (In Mil)	\$14.100	\$15.224	\$16.362	\$9.247	\$0.000	\$0.000	\$0.000	\$0.000

A. Functional/Technical Description: The LAU-128/129's are Missile Rail Launchers which replace AIM-9 Launchers on F-15 and F-16 aircraft. The LAU-128/129 Launchers provide dual carriage and launch requirements for AIM-9 (Sidewinder) and AIM-120 (Advanced Medium Range Air-to-Air Missile (AMRAAM)). The LAU-128 supports the F-15 and the LAU-129 supports the F-16.

- a. Deficits/General Operational Requirements Satisfied by the Item Procured: The LAU-128 Launcher program includes requirements for aircraft delivered with only AIM-9 Launchers (Pre Multi-Stage Improvement Program (MSIP)) and WRM requirements. A total of 4,448 LAU-128's are required. At the end of the FY93 funded delivery period (FDP) 3,031 assets will be available leaving a shortfall of 1,417. Requested funding in the FY96/97 President's Budget will procure the remaining requirements.
- b. Procurement through FY95 funded delivery period covers all deficits for LAU-129's.
- C. Lack of available WRM stocks will prevent sustainment of projected wartime sortie rates for F-15's, impeding its wartime mission.

	•
AGE NO.	
P-1 SHOPP LIST P	TEM NO. 64

Ш
u
SSI
S
4
-
C
Z
-

D. DATE FEBRUARY 1995 C. MANUFACTURER NAME/PLANT/ CITY/STATE LOCATION 1. Marvin Engineering Co., Inglewood, CA. 2. Hughes Missile Electronics Inc., Eutala, AL.	FY 1997	QTY COST TOTAL COST
	FY 1996	QTY COST TOTAL COST
SYSTEM COST ANALYSIS EXHIBIT (P-5) (Coets in Thousands of Dollars) B. WEAPON MODEL/SERIES/ POPULAR NAME tem Name: LAU-128/129 MISSILE RAIL LAUNCHER	7 1005	OTY COST TOTAL COST
U SYSTEM COS (Coets in Tho B. WEAPON M Item Name: LA		FY 1994 UNIT TOTAL COST
WEAPOI A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO. APAF/WAR CONSUMABLES		Weapon System Cost LODENT CODE

		C	\$ 0 \$	0	0	\$	S	80	\$ \$ \$	16,362	0 208	18.200	9,247	
1. LAU-128 (F-15) 2. LAU-129 (F-16)	(∢	577	24.437		623	24.43/	15,224	>)	676.75	80	c	9.247	
TOTAL		577		14,100	623		15,224	606		706'01	3	•		
			_			_								

Exhibit P-5 Weapon System Cost Analysis

PAGE NO.

P-1 SHOPP LIST ITEM NO. 64

UNCLASSIFIED

235

BUDGET PROCUREMENT HISTC IATION/BUDGET ACTIVITY APAF/WAR CONSUMABLES SOST ELEMENT/ DOST ELEMENT/ FISCAL YEAR Marvin Eng. Co. CA Option Marvin Eng. Co. CA Option Marvin Eng. Co. CA Option						-		The second second
B. APPROPRIATION/BUDGET ACTIVITY APAF/WAR CONSUMABLES APAF/WAR CONSUMABLES CONTRACT COST ELEMENT/ FISCAL YEAR LAU-128 (F-15) FY 1993 Lot VIII FY 1993 Lot VIII FY 1997 Lot IX Marvin Eng. Co. CA Option AFM AFM Marvin Eng. Co. CA Option AFM AFM AFM AFM AFM AFM AFM AFM AFM AFM	ORY PLANNING EXHI	EXHIBIT (P	-5A)			A. DATE FEBR	JATE FEBRUARY 1995	995
ONSUMABLES ONTRACTOR/ LOCATION A TYPE An Eng. Co. CA Option win Eng. Co. CA Option	ds of Dollars)	C. P-1 ITEM NOMENCLATURE	NOME!	ACLATURE	JOMENCLATURE	UNCHE	œ	
SST ELEMENT/ LOCATION AGINEACT AGINEACT LOCATION AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT AGINEACT	H	Odviva	DATE OF	QUANTITY	UNIT	SPECS		IF YES,
Marvin Eng. Co. CA C/FP Marvin Eng. Co. CA Option	CONIKACIED	-	FIRST		COS	NOW	REQ'D	AVAIL
Marvin Eng. Co. CA C/FP Marvin Eng. Co. CA Option					ď			
	AFMC/ASC AFMC/ASC AFMC/ASC	Jun 94 Nov 95 Nov 96	Feb 96 Dec 96 Dec 97	318 909 508	19.0 18.0 18.2	Yes	2 2 2	
LAU-129 (F-16) Hughes Inc. AL SS/FP AFM FY 1995 Lot VI-A [1] FY 1995 Lot VI-A [1] FY 1995 Lot VI-A [1] FY 1995 Lot VI-A [1]	AFMC/ASC AFMC/ASC	Dec 94	Dec 95 Dec 95	623	24.4	, Yes	2 2	

D. REMARKS
1 Reprocuiement Lot; Due to Previous Contractor Filing for Chpt 11 Bankruptcy in Apr 94; Contract Awarded Dec 94

236 Exhibit P-5a Procurement History and Planning PAGE NO. P-1 SHOPP LIST ITEM NO. 64

VEAD

FY1995 LOT VIII FY1886 LOT VIII

FY1887 LOT 1X

FY1993 LOT VII FY1994 LOT VII

LAU-128

OCATION

TOTAL

237

PAGE 1 OF 2 PAGES EXHIBIT P-21

FY94/85 LOT VI-A

EXAMAN DECIDIOTION SCHEDULE	P.1 ITEM NOMENCLATURE: LAU-128/129 MISSILE MAIL LACITORIES	CICCAL VEAD OO	FISCAL TEAR W	48
Most Friedom	FISCAL YEAR 98	TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TOOK I TO	CALENDAR YEAR 00	_
THAMAN I EACT I IBEBY PROCUREMENT	TENMANNIE CTI INFRA PROCUREMENT 97 97 97 CALENDAR YEAR 98	DEC JAN FEB MARIAPH MAY JUN JUL AUGISEP JOCT NOV DEC	OVIDEC JAN FEB MARIAPR MAY JUN JUL AUG SEP	
YEAR	OCT NOVIDEC JAN FEB MARIAPH IMP JUN JUL ANG SET OCT INCO			
1 411128				0
FY1995 LOT VIII	3 3			0
FY1996 LOT VIII				0
FY 1997 LOT IX	0 0 42 42 42 42 42 42 42 43 43 43 43 43			
LAU-129	- 1			4
	32			-
FY1996 LOT IX	8			-
				+
				-
				-
				+
				+
				+
				-
				\dashv
				+
				+
				+
				+
				+
				-
				-
IOIA	1111111 76 76 76 76 76 76 76 77 71 78 7	78 0 0 0 0 0 0 0 0 0 87	APR MAY HIN JUL AL	a di
10.00	DEC JAN FEB	MARIAPH MAY JUN JUL AUGISEP OCT NOVIDEC JAN IFEB IMARIAPH MAY JUN JUL AUGISET ICC INOVIDECTANTICE JANG	INCVIDENCE ON THE DISTRICT OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF	
REMARKS				
	•			

P-1 SHOPP LIST ITEM NO. 64 UNCLASSIFIED

PAGE 2 OF 2 PAGES EXHIBIT P-21

		BUDGI	BUDGET ITEM JUSTIFI((EXHIBIT P-40)	JUSTIFICATION IT P-40)			DAIE FEBRUARY 1995	3Y 1995
APPROPRIAT	APPROPRIATION/BUDGET ACTIVITY APAF/WAR CONSU	BUDGET ACTIVITY APAF/WAR CONSUMABLES		P-1 ITEM NOMENCLATURE	CLATURE	ADAPTER, ADU-552/A	4	
	10077	744005	94906	EV1007	EV1008	EV1999	FY2000	FY2001
	FY1994	FY1995	FT 1990	1133/	066111	000	222	
QUANTITY	0	0	891	0	0	0	0	0
COST (In Mil)	\$0.000	\$0.000	\$8.910	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000

A. Functional/Technical Description: The Guided Missile Launcher Adapter, ADU-552/A, is used to adapt the LAU-128 missile launcher to the inboard pylon on F-15A-D Multi-Stage Improvement Program (MSIP) modified and F-15E aircraft.

B. Deficits/General Operational Requirements Satisfied by the Item Procured: The ADU-552/A Adapter's are intended to replace those jettisoned in wartime. Currently, there are 0 WRM assets are on-hand. Funding for 891 is requested in the FY96/97 President's Budget.

C. Impacts: Lack of available WRM stocks prevents sustainment of projected wartime sortie rates for F-15's configured for LAU-128 Missile Launchers, impeding F-15 wartime mission.

	ED
PAGE NO.	VCLASSIFI
P-1 SHOPP LIST ITEM NO. 64	5

Ш
S
LAS
4
C
-
3

- 1	In Thousands of Dollars					FEBRUARY 1895	1995
A. APPROPRIATION/BUDGET ACTIVITY B. WEAPON MODEL'S	ON MODEL/SERIES	B. WEAPON MODEL/SERIES/ POPULAR NAME	C. MANUFA	CTURE	NAME/PL	ANT/ CI	LY/STATE
TITLE/NO. APAF/WAR CONSUMABLES Item Name: ADAPTER, ADU-552/A	e: ADAPTER, ADU-	552/A		S	UNKNOWN		
FV 1994		FY 1995	FY 1996	960		FY 1997	7
Weapon System Cost			TINIT				
	VIO TOOS INTO	COST TOTAL COST	OTY COST	TOTAL COST	ΔTΛ	COST	TOTAL COST
OTY COST	4	1					

A/025_110A 10+000_0	4	0	\$	s,	0	0	- s	40	0	168	0 891 \$	10	0	\$ 0	<u>\$</u>	8,910
TOTAL		0	-		-	0			0	168	0		0			8,910

Exhibit P-5 Weapon System Cost Analysis

PAGE NO.

P-1 SHOPP LIST ITEM NO. 64

240

		Š	UNCLASSIFIED	ED				A DATE		
RIDGE	RIIDGET PROCUREMENT HISTORY PLANNING EXHIBIT (P-5A)	T HISTORY F	LANNING	EXHIBIT (P-5A)			FEB	FEBRUARY 1995	395
PER PER PER PET ACTIVITY	(Cos	(Costs in Thousands of	usands of Dollars)	C. P-1 ITE	M NOMEN	C. P.1 ITEM NOMENCLATURE	CLATURE ADAPTER ADU-552/A	_		
B. APPROPRIATION, BODOCTOR	APAE/WAR CONSUMABLES			9	DATE OF	CUANTITY	UNIT		SPEC	IF YES,
COST ELEMENT/ FISCAL YEAR	CONTRACTOR/ LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	DATE	FIRST		COST	NOW	REQ'D	AVAIL
							Ś			
			AFMC/WR-ALC	SEP 92	OCT 93	. 061	8.147			
FY 1992	ACFT, ST LOUIS, MO UNKNOWN	C/FP	AFMC/WR-ALC	MAY 96	76 NOS	891	10.000	YES	<u>Q</u>	
000 11				_		_				

241

Exhibit P-5a Procurement History and Planning

PAGE NO.

P-1 SHOPP LIST ITEM NO. 64

D. REMARKS: (*) 190 each procured in FY92 only for Attemate Mission Equipment (AME) requirements

P-1 SHOPPING LIST ITEM NO. 64

	-	in and		=		, E						OUE. ACK.		-					000				L			ű	SCAL	FISCAL YEAR 97	187				31
PYSENT BUDGET PRODUCTION SCHEDULE	NO	CHEDOL		1				FISCA	YE.	FISCAL YEAR 95							FISC	FISCAL YEAH 96	AH 80		1		1		-		2	CALENDAR YEAR 97	Y HA	FAR	20		٧٦
	KA	PROC ACCPT BALL	B 6	4 4	70	9	L	2	֓֟֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	NE.	IDAR	YEAR	95				1	200	NALE:	PAP	YEA	98 5	OCT	NOV	SEC	AN FE	B MA	JAN FEB MAR APR MAY JUN JUL	WAY.	UN JU	JL AUG	SEP	
TEMIMFG PROCUREMENT		1-04 1-09	50	100	ĭ.	N DEC	NY	N B3	ARAP	À WY	NOF	UL AU	3 SEP	2001	8	1-0d 1-0d IOCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT INOV DEC JAN FEB MARIAPH MAY JUN JUL AND SEP OCT JAN FEB MARIAPH MAY JUN JUL AND SEP OCT JAN FEB MARIAPH MAY JUN JUL AND SEP OCT JAN FEB MARIAPH MAY JUN JUL AND SEP OCT JAN FEB MARIAPH MAY JUN JUL AND SEP OCT JAN FEB MARIAPH MAY JUN JUL AND SEP OCT JAN FEB MARIAPH MAY JUN JUL AND SEP OCT JAN FEB MARIAPH MAY JUN JUL AND SEP OCT JAN FEB MARIAPH MAY JUN JUL AND SEP OCT JAN FEB MARIAPH MAY JUN JUL AND SEP OCT JAN FEB MARIAPH MAY JUN JUL AND SEP OCT JAN FEB MARIAPH MAY JUN JUL AND SEP OCT JAN FEB MARIAPH MAY JUN JUL AND SEP OCT JAN FEB MARIAPH MAY JUN JUL AND SEP OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN FEB OCT JAN	FE 8	T T	U	200		\vdash				-	H			10	91 100 100 100	00	86
FY 1996	AF.	168	0	0 891	+	+	\prod	+	++	\prod	1	++			+	H		+	-		+				+	+	++			+	+		
		+		+	+	+	\prod		+	11		++			++			+	-							+	+	\prod		+	++	\sqcup	
	П	+		1	+	+			+	-		+	\perp		+			++	+			+	-				+			+	+	1	
			$\dagger \dagger$	11	++	++	\prod		+	1		+			+	-		+	+			+	+			+	+	-				-	
	-		1		+	+	-		+	+		++	++		+	-		+	-			+	+			+	+	+			+	+	\sqcup
	\sqcup		\prod		1	+	1		+	-		+	+	1	+	+	1	+	+			H	H				+	-		-		+	1
	1		1		+	+	+		+	+	I	H	H	П	H	H		+	H			+	+	1	I	1	+	+	\perp		+	+	_
	-					H	H		H	+		+	+		+	+		+	+	-		+	+	-				H				H	
	H					+	-		+	+	T	+	+	1	+	+			H	\sqcup			-				+	+	1		+	+	-
	+	1				+	+	I	+	+	L		H			H			+	+		1	+	1			\dagger	+	-		+	+	-
	+					H	H	П		+	\prod	1	+	1	\pm	+	1	+	+	+		1	+	+			H	H				H	
	H		П			+	+	T	+	+	1	1	+	-		+			+	H								+	+			+	+
	+	1	T		1	+	+	T	1	+	-		H			H	Ц		+	-		1	+	+	-		+	+	+			+	-
	+	1				+	\vdash	Ц		H			H			+	1		+	+	-		+	+	-			H	H			H	H
				Ц			\dashv	1		+	+	1	+	-	1	+	-		-	-			H	H				+	+			+	+
	+					+	+	+		+	+		+			H			+	+			+	+	+	1	1	+	+			+	+
	+			Ш	\Box	$\dagger \dagger$	H	\prod		+	-		-	+		+	+			+	+			+	+	1		++	++			+	++
	+						+	\perp		+	+		++	++		+	+		+	+	-			+	+			+	+	\perp		+	+
	+						+			+	+		+	++		+	++		$\dagger \dagger$	+	11			+	-	-			-	-		+	+
	+			\sqcup	L					-	-	0	c		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	91 100 100 100	00 200
TOTAL	+	188		0 891		0 3	OCT NOV DEC JAN FE	O N	BMAR	APR C) A	13	AUGS	26 di	T NOV	B MARIADE MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL	IN FEE	3 MAR	APR	18 / 30	JUL N	AUG	SEP	CT	OV DE	CIAN	FEB	AUGISEP OCT NOVIDEC JAN FEB MARIAPRIMAY JUN JUL AUGISEP	PR	N N	100	AUGIS	d
MANUFACTURER'S NAME AND	a s	90	ATES	SE Q	T				1	RICH	ADMIN LEAD TIME	ENT W	PROCUREMENT LEAD TIME	FACTU	RING	MANUFACTURING TOTAL AFTER 1	LAFT	ER 1															
	۲		200	0					E	8	2	_	2	13		3	20																
	-				4				1		1																						

P-1 SHOPP LIST ITEM NO. 64

1eta. 0 TEMMANUFACTURERY PROCUREMENT 07 97 97 07 CALENDARYEAR 08 CALENDARYEAR 09 CALENDARYEAR 09 CALENDARYEAR 09 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALENDARYEAR 00 CALEN 10 DATE: FEBRUARY 1995 REMARKS TOTAL

UNCLASSIFIED

		BUDGE	BUDGET ITEM JUSTIF	USTIFICATION F P-40)			DATE FEBRUARY 1995	RY 1995
APPROPRIA	APPROPRIATION/BUDGET ACTIVITY APAF/WAR CONSU	BUDGET ACTIVITY APAF/WAR CONSUMABLES		P-1 ITEM NOMENCLATURE	NCLATURE INBOAI	INBOARD PYLON, SUU-59C/A	59C/A	
	FY1994	FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001
QUANTITY	0	0	0	177	0	0	0	0
DST (In Mil)	\$0.000	\$0.000	\$0.000	\$22.204	\$0.000	\$0.000	\$0.000	\$0.000

A. Functional/Technical Description: The Inboard Pylon SUU-59C/A is applicable to the F-15E aircraft. The pylon functions as connector between the aircraft weapon stores of 2 each AIM-9 or AIM-120 missiles, 600 gallon fuel tanks, and nuclear armament. In a wartime scenario, this pylon provides the aircraft with carriage and jettison capabilities of external fuel tank, and air-to-air/air-to-ground armament.

At the end of Apr 95, 105 assets will be available leaving a shortfall of 177. Requested funding in the FY96/97 President's Budget will procure remaining requirements. B. Deficits/General Operational Requirements Satisfied by the Item Procured: The SUU-59C/A Inboard Pylons are intended to replace those jettisoned in wartime.

C. Impacts: Lack of available WRM stocks will prevent sustainment of projected wartime sortie rates for F-15E's and prevent expenditure of pylons when necessary, ultimately endangering pilot life and impeding F-15E wartime mission.

•	4	
7	7	
(J	
		١
		ı
		ı
		И
		١
		١
		ı
		ľ
		H
-		-
Š		
AGE		
PA		
_		
ST		
γPL	64	
오	ջ	
-18	EX.	
-	_	
ļ		
li I		

D. DAIE FEBRUARY 1995	C. MANUFACTURER NAME/PLANT/ CITY/STATE LOCATION UNKNOWN		FY 1996	UNIT TOTAL COST QTY COST TOTAL COST	
EM COST ANALYSIS EXHIBIT (P-5)	ands of Dollars) DEL/SERIES/ POPULAR NAME DADD DVI ON SUU-59C/A	Rem Name: INDOMEDIA CO.	EV 1004	OTAL COST QTY	
WEAPON SYSTE	/III/	APAF/WAR CONSUMABLES		Weapon System Cost Copt Copt Copt Copt Copt Copt Copt Cop	

L	7)
<	7	-
c	\	ı
`		7

Exhibit P-5 Weapon System Cost Analysis

	11
-	L
	U
	U
	<
	_
	C
	Z

PAGE NO.

P-1 SHOPP LIST ITEM NO. 64

		Š	UNCLASSIFIED	9						
BUDGEI	BUDGET PROCUREMENT HISTORY PLANNING EXHIBIT (P-5A)	T HISTORY	PLANNING	EXHIBIT (P-5A)			A. DAIE FEBR	FEBRUARY 1995	995
B. APPROPRIATION/BUDGET ACTIVITY	(Cos	(Costs in Thousands of Dolidrs)	Dollars	C. P-1 ITE		C. P-1 ITEM NOMENCLATURE INBOARD PY	IENCLATURE INBOARD PYLON, SUU-59C/A	C/A		
APAF/W	APAF/WAR CONSUMABLES	_ [disc.	AWADO.	DATE OF	CUANTITY	LINO	SPECS	SPEC	IF YES,
COST ELEMENT/ FISCAL YEAR	CONTRACTOR/ LOCATION	CONTRACT METHOD & TYPE	CONIKACIED	DATE	FIRST		COST	NOW	REQ'D	AVAIL
							v.			
	MCDONNEI! DOUGLAS	C/FP	AFLC/WR-ALC	NOV 87	SEP 89	S	83.000			
FY 1988 FY 1997	ACFT, ST LOUIS, MO UNKNOWN	C/FP	AFMC/WR-ALC	MAY 97	30T 08	. 771	125.446	YES	2	
	_	_		•.					٠,	

Exhibit P-5a Procurement History and Planning 246	
LIST PAGE NO.	
P.1 SHOPP US	
D. REMARKS	

PAGE 1 OF 2 PAGES EXHIBIT P-21

UNCLASSIFIED

P-1 SHOPPING LIST ITEM NO. 64

FY96/97 BUDGET PRODUCTION SCHEDULE	TION SCI	HEDULE		=	Z L	5	3		GAA	2			P.1 ITEM NOMENCLATORE: MICONIE			Ë	SCAL	FISCAL YEAR 96	98			7			-	FISC	FISCAL YEAH 97	N C	YEA	R 97		ΠAJ
	ě.	PROC ACCPT BAL	PAL			1	7	3	1		DVE	NB 95	-					Š	EN S	AR ✓	EAR	96	1	30/100	N	FEB	A B A	¥ 184	1 N	13	UG SE	١٩
ITEM/MFG PROCUREMENT	SER	OTY PRIOR DUE	S C	8 5	10 VOX	\$ 04 EC 54	FEB	MAR	S E		13	AUGS	FIGURE 94 94 94 94 94 94 94 94 94 94 94 94 94	NOV	OEC C	N FE	MAR 8	NPR A	<u>}</u>	3 2	9	3	3	3	2							
	1	9	9	0	0	101	10 10	9		+		+	+	1	+	+	-		+	+	-			-				O			+	148
	1		0 17	177					+	+		+	+		+	+	-		\vdash		-							\dashv	+	1	+	+
			-	+	1	+	-	1	+	+		+	-			H				\dashv	-		1	+	+	1		+	+		+	+
	+	+	+	+		+	+	I	+	-						+	+		+	+	+			+	+	1		+	+			-
	+	-	+	+		+	-			H			+	1	1	+	-	1	+	+	+			+	+	L			\vdash			\vdash
	+	-	+				$ \cdot $			+			+	1	1	+	+		+	+	-				H			H	1		+	+
		H	H			+	+		+	+	-		+	-		+	-		H		\vdash				-	+		+	+	1	+	+
		+	+	+		+	+	1	1	+	-		+						1	-	-			+	+	1		\dagger	+		+	\vdash
	1	+	+	+		+	-			H			+	1	1	+	+		+	+	+	1		\dagger	+	-		\vdash			H	$ \cdot $
	+	-	+	-			H			+	-		+	1		\dagger	+		+	+	+	1		-	H			H				+
							+	4		+	+	1	+	-	1	\dagger	-			-								+	\dashv		+	+
		$\left \cdot \right $	+	+		+	+	+	1	+	+		+	+		-	-				H				+	+		\dagger	+		+	+
	+	+	+	+		-	+	+	1	+	-		-	-						+	+	4		+	+	+	1	\dagger	+	-		-
	+	+	+	+		+	+	-		+						1	-	1		+	+	+		+	+	+	I	+	+	\downarrow		-
	+	+	+	-			H				H		+	+	1	+	+	+		+	+	+			-	-						
		-	H				+	+		+	+		+	+	I	+	+	-		-	-								+	-		+
		H	H	+	1		+	+		+	+	T	+	+	I		+	1				H			+	+			+	+		+
	+	+	+	+	+		+	+	I	+	+	I	-	\vdash								-	4		+	+	1		+	+	+	+
	+	+	+	+	+		-	+			H			-			1	-		+	+	+	+		+	+	1		+	+		+
	1	+	-	+	-			H			+			+			+	+			+	+	-		+	+	-		-	-		
		H	+	H	+		+	-	1		+	-	1	+	-		+	-				\dashv			1	H	-			+		+
	+	+	1	+	+			H			H	-		1				-			+	+	\perp		+	+	+		+	-		
				+	-		+	+	-		+	-		-			+	++			\dagger	\vdash	\sqcup			+	-					+
	1	+	+	+	-						H	اللا					-			-	-	-	-	0	c	-	0	0	0	0	0	0
	\prod	237	0	237	101	0 7	237 10 10 10 10 10		10 01	0 }	0 8	0 0	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O LO	O O	ON	FEB C	APP	R O	N N	7 7	13 13 13 13 13 13 13 13 13 13 13 13 13 1	8	NO.	NEC 7	AN FE	₩ W	APR	MAY	JUL AU	AUG	SEP
	da	PROD RATES REA	ES		2	2	1		PRO	CURE	MEN	LEAC	PROCUREMENT LEAD TIME					1		i	-	0	0	401								
LOCATION UNKNOWN	2	3	X	古				48	N 8	ADMINIEAD TIME PR 1 OCT AFT 1 OCT	TIME 1		MANUFACTURING	URING		4 H F	TOTAL AFTER 1		(1) 60 ASSETS IN MODIFICATION	155E	<u>z</u>	2	<u> </u>	2								
	9	+	इ	T				1_		-	7	1		4	_		21															
	_	_						+		+		-			_			_														İ

UNCLASSIFIED

TEMMANUFACTURENY PROCUREMENT	CALENDAR YEAR BY THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND THE TOTAL AND	CTINOV DEC JAN FEB MAR APPI LANGUAN JULI AND SE
MANUFACTURER/ PROCUREMENT	P OCT NOV DEC JAN FEB IMPRAPE MWY JUN JUL, ANG SEP TO THE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE ST	
YEAR FY 1897 FY 1897 FY 1897 FY 1897	14 15 15 15 15 15 15 15 15 15 15 15 15 15	
FY 1997 FY 1997	15 15 15 15 15 15 15 15 15 15 15 15 15 1	
	1:	0 0 0 0 0 0 0 0 0 0
	A 15 15 15 15 15 15 15 15 15 15 15 15 15	P OCT NOV DEC JAN FEB MARIAPR MAY JUN JUL AUGISEP
101 AL. OCT NOVIDEC JAN FEB MARIAPR MAY JUN JUL AU	OCT NOVIDEO JAN FEB MARIAPRIMAY JUN JULL ANGISEP JOCT NOVIDEO JAN FEB IMARIAPRIMAY UN JULL ANGISEP JOCT NOVIDEO JAN FEB IMARIAPRIMA JUN JULL ANGISEP JOCT NOVIDEO JAN FEB IMARIAPRIMA JUN JULL ANGISEP JOCT NOVIDEO JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB IMARIAPRIMA JAN FEB I	
DELLARKS		

P-1 SHOPP LIST ITEM NO. 64

SSIFI
S
S
4
UNCL
Z
-

ISTIFICATION FEBRUARY 1995	DA TIEM NOMENCI ATURE	ITEMS LESS THAN \$2M: ADAPTER, ADU-5/8 FY2001		\$0.000 \$0.000 \$0.000	to sustain projected wartime sortie rates.
BUDGET ITEM JUSTIFICATION	(EXHIBIT P-40)	APPROPRIATION/BUDGET ACTIVITY	APAL/WAH CONSOMEDED FY1996 FY1994 FY1995 FY1996		

A. (U) Category consists of ADU-578 Adapters. Funding in FY96 covers WRM requirements necessary to sustain projected wartime sortie rates.

B. (U) Specific FY96 requirements are listed below:

TOT		\$ 207,200.00	\$ 207,200.00
1	COST	\$25,900.00	
	QTY	æ	80
	ITEM	ADI 1-578 Adapter	TOTAL

UNCLASSFIED P-1 SHOPP LIST ITEM NO. 64

PAGE NO.

		BUDGET ITEM JU	EM JUSTIFICATION SHEET	ON SHEET			Sep-94	-94
APPROPRIATION/BUDGET ACTIVITY	UDGET ACTIVIT	ΓΥ			P-I NOMENCLATURE	rure		
AIRCRAFT PROCUREMENT, AF/ BA 07 OTHER PRODUCT	REMENT, AF/ BA	A 07 OTHER PROI	DUCTION CHARGES	SES		OTHER	OTHER CHARGES	
	FY(PY) 94	FY(CY) 95	FY(BY) 96	FY(BY+1) 97	FY(BY+2) 98	FY(BY+3) 99	FY(BY+4) 00	FY(BY+4) 01
QUANTITY	0	0	0	0	0	0	0	0
COST (in thousands)	607,195	234,870	157,096	314,117	298,020	273,411	269,434	360,066

These programs provide for items which (1) are not directly related to other procurement line items in this appropriation, (2) cannot be reasonably allocated and charges to other procurement line items in this appropriation, (3) can be managed as separate end items, and (4) contains certain classified programs.

P-1 Shopping List Page No.

EXHIBIT P-40

DATE: Feb 95

P-1900

FY 1996/1997 PRESIDENT'S BUDGET SUBMISSION OTHER PRODUCTION CHARGES (Dollars in Thousands)

BP1900 SUMMARY

	FY 94	FY 95	FY 96	EY97
Classified Programs	270,339	50,051	30,277	130,781
ECM Support	14,315	6,687	10,036	10,265
Interim Contractor Support	1,796	1,297	1,573	2,569
Range Improvement	8,115	26,421	3,795	29,354
LANTIRN	26,771	13,611	10,643	39,220
NAVSTAR GPS (User Equipment)	66,925	69,817	41,866	48,075
KC-135 Cargo Rollers	86	3,805	0	0
GBU-15/AGM-130 Improved Data Link	12,295	10,824	0	0
E-3A (NATO AWACS)	88,337	2,913	52,310	46,775
F-117	109,655	37,556	0	0
Flight Screening	392	107	0	0
Training (Offensive)	5	0	0	0
Pollution Prevention	8,152	8,780	965'9	7,078
Defense Airborne Reconnaissance Program*	0	0	12,468 *	28,529 *
TOTAL COST (As currently reflected in line P-63)	607,195	234,870	169,564	342,646
REVISED TOTAL COST (excluding line P-65 costs)	607,195	234,870	157,096	314,117

^{*}Dollars that belong in line P-65 were inadvertently placed in line P-63.

DATE: Feb 95

FY 1996/1997 PRESIDENT'S BUDGET SUBMISSION OTHER PRODUCTION CHARGES (Dollars in Thousands)

P-1900

PROJECT TITLE: Classified Programs

DESCRIPTION/JUSTIFICATION: Details of the following programs are available on a need-to-know basis.

EY 97		2,222	6,371	122,188	0	0	0	0 .	0	130,781
FY 96		2,870	8,026	19,381	0	0	0	0	0	30,277
FY 95		2,787	4,013	40,566	2,232	0	0	0	453	50,051
FY 94		1,713	24,714	0	1,787	10,472	980'6	221,608	656	270,339
PROJECTED FINANCIAL PLAN:	BASIS FOR COST ESTIMATE	Special Evaluation Program	Compass Call	Classified Programs	Advanced Program Evaluation	Tactical Crypt Activities	Missile and Space Technology	Senior Year	Forest Green	TOTAL COST

DATE: Feb 95

FY 1996/1997 PRESIDENT'S BUDGET SUBMISSION OTHER PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

P-1900

PROJECT TITLE: ECM Support

MODELS OF AIRCRAFT APPLICABLE: A-10, B-1, B-52, F-15, F-16, F-4G, F-111, EF-111, MC-130 AC-130, C-130, MH-53J, MH-60, OV-10 DESCRIPTION/JUSTIFICATION: Funds are required by the Electronic Warfare Avionics Integrated Support Facility (EWAISF) to directly support the replacement equipment critical to USAF aircraft defensive systems capability and combat readiness. EWIR enables global reach/global power projection, computer acquisition and upgrades, support equipment software maintenance, aircraft EW system reprogramming software tools, intelligence data manipulation software, threat emitter simulation lab test equipment supporting technology insertion programs, data transmission communications Electroni Varfare Integrated Reprogramming (EWIR) process. The EWAISF manages Major Command requirements and procures unique and and includes requirements for EW systems software upgrades, hardware maintenance for existing EW system reprogramming support facilities, equipment and EW system software emulation models. This program also supports the Fast Photo project.

DEVELOPMENT STATUS: Production prototypes are acquired for evaluation prior to production.

PROJECTED FINANCIAL PLAN:	FY 94	FY 95	FY 96	FY 97
BASIS FOR COST ESTIMATE: TRAINING EQUIPMENT	14,315	6,687	10,036	10,265
TOTAL COST	14,315	6,687	10,036	10,265

DATE: Feb 95

FY 1996/1997 PRESIDENT'S BUDGET SUBMISSION OTHER PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

P-1900

PROJECT TITLE: Interim Contractor Support

MODELS OF AIRCRAFT APPLICABLE: N/A

(User Equipment) in FY94 through FY97. The F-111 ICS in FY94 and FY95 supports the ALR-621 to maintain LRUs while developing depot DESCRIPTION/JUSTIFICATION: Funds provide logistics support suite for the transition to organic capability for NAVSTAR GPS (User support capability.

PROJECTED FINANCIAL PLAN:	FY 94	FY 95	FY 96	EY 97
BASIS FOR COST ESTIMATE:				
F-111 NAVSTAR GPS (User Eq)	968	937 360	0 1,573	2,569
TOTAL COST	1,796	1,297	1,573	2,569

P-1900

FY 1996/1997 PRESIDENT'S BUDGET SUBMISSION OTHER PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

DATE: Feb 95

PROJECT TITLE: Range Improvement

MODELS OF AIRCRAFT APPLICABLE: F-4, A-10, F-15, F-16, F-111

are interoperable with Navy ranges, and provide the capability to train aircrews in air-to-air combat, air-to-ground combat, and electronic warfare, while providing real-time monitoring and control of aircraft during large force exercises and recording events for post-mission debrief and analysis. The pods known as Air Combat Maneuvering Instrumentation (ACMI) systems. However, the nomenclature has changed over the years to better reflect system DESCRIPTION/JUSTIFICATION: Air Combat Training Systems (ACTS) provide equipment for Air Force ranges to support training/evaluation of aircrews and operational testing of weapon systems and tactics under simulated combat conditions. Originally, range instrumentation systems were upgrades and specific uses of individual systems. The second generation systems, capable of handling 36 aircraft simultaneously, are referred to as Measurement and Debriefing Systems (MDS). The overall range instrumentation systems are now known as Air Combat Training Systems, are airborne systems of ACTS and provide altitude, position, and vector tracking data plus other aircraft avionics and weapon event data.

a radar altimeter, UHF transmitter, and aircrew prompting system. Pods developed/procured beginning in FY96 will have GPS capability. DEVELOPMENT STATUS: P-4AX, P-4AW, P-4B, and P-4BX pods and associated test sets are complete. The P-4 series contained

PROJECTED FINANCIAL PLAN:	FY 94	FY 95	FY 96	FY 97
BASIS FOR COST ESTIMATE. ACMI PODS	8,115	26,421	3,795	29,354
TOTAL COST	8,115	26,421	3,795	29,354

DATE: Feb 95

FY 1996/1997 PRESIDENT'S BUDGET SUBMISSION OTHER PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

PROJECT TITLE: Low Altitude Navigation and Targeting Infrared System for Night (LANTIRN)

MODELS OF AIRCRAFT APPLICABLE: F-16C, F-16D, and F-15E

capability for the F-16 close air support mission. LST procurement will begin in FY97. The FY95 and FY96 funding supports the software updates required night and in conditions of limited visibility. The addition of a laser spot tracker (LST) being developed for the targeting pod will give LANTIRN additional DESCRIPTION/JUSTIFICATION: The LANTIRN system provides USAF forces with the capability to conduct close air support and interdiction missions aircraft suites. Additionally, the funds provide for correction of deficiencies (reduced slew delays, tracker improvements, reduced FLIR picture jitter, space display, a navigation pod, targeting pod, and associated support equipment. The navigation pod contains a fixed forward-looking infrared (FLIR) sensor; at night and under-the-weather in F-15E and F-16C/D fighter aircraft. LANTIRN includes development and production of a wide-angle roster heads-up automatic target recognizer. LANTIRN provides the capability not only to attack at night, but also to attack with precision laser guided weapons day or to correct the deficiencies resulting from initial operation of the targeting pod, and to maintain system capability with software updates to either or both the targeting pod contains a gimbaled FLIR, a laser designator, an automatic tracker, a missile boresight correlator, and growth provisions for an stabilized search mode) identified primarily from F-15E operations in Desert Storm.

PROJECTED FINANCIAL PLAN:	FY 94	FY 95	FY 96	FY 97
BASIS FOR COST ESTIMATE:				
PROGRAM COST	26,771	13,611	10,643	39,220
TOTAL COST	26,771	13,611	10,643	39,220

DATE: Feb 95

FY 1996/1997 PRESIDENT'S BUDGET SUBMISSION OTHER PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

P-1900

PROJECT TITLE: NAVSTAR Global Positioning System (GPS) User Equipment

MODELS OF AIRCRAFT APPLICABLE: B-2, C-17A, C-130, E-8, F-117, and F-16

DESCRIPTION/JUSTIFICATION: NAVSTAR GPS is a space-based radio navigation system that provides users with precise position, velocity, and time using passive receivers on a day/night all-weather world-wide basis. These funds provide for the procurement of user equipment for the above aircraft.

PROJECTED FINANCIAL PLAN:	FY 94	FY 95	FY 96	FY 97
BASIS FOR COST ESTIMATE:				
Non-recurring/Integration	66,925	69,817	41,866	48,075
TOTAL COST	66,925	69,817	41,866	48,075

DATE: Feb 95

FY 1996/1997 PRESIDENT'S BUDGET SUBMISSION OTHER PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

P-1900

PROJECT TITLE: KC-135 Cargo Rollers

MODELS OF AIRCRAFT APPLICABLE: KC-135

rollers will also improve KC-135 throughput, making the aircraft ideal for high priority channel missions. No funding is required beyond FY95. DESCRIPTION/JUSTIFICATION: The KC-135 Cargo Roller program will enhance airlift capability and add flexibility to airlift operations by providing KC-135 aircraft with an inherent capability to carry 463L palletized cargo. This will allow each KC-135 to carry up to six 463L pallets of approximately 5,000 pounds each on standard cargo rollers equipped with side rails and locks. The addition of cargo

PROJECTED FINANCIAL PLAN:	FY 94	FY 95	FY 96	FY 97
BASIS FOR COST ESTIMATE:				
PROGRAM COST	86	3,805	0	0
TOTALCOST	86	3,805	0	0

DATE: Feb 95

FY 1996/1997 PRESIDENT'S BUDGET SUBMISSION OTHER PRODUCTION CHARGES FACT SHEET

P-1900

(Dollars in Thousands)

PROJECT TITLE: GBU-15/AGM-130 Improved Airborne Data Link Pod

MODELS OF AIRCRAFT APPLICABLE: F-15E and F-111F

DESCRIPTION/JUSTIFICATION: The GBU-15 and AGM-130 are data link precision guided weapons. The airborne data link pod provides the applicable aircraft with the standoff capability to guide these weapons to a designated target. The Improved Data Link system is a more reliable, jam resistand data link, consisting of an aircraft pod data terminal, weapon data terminal, and peculiar support equipment. No funding is required beyond FY95.

PROJECTED FINANCIAL PLAN:	FY 94	FY 95	FY 96	FY 97
BASIS FOR COST ESTIMATE:				
PROGRAM COST	12,295	10,824	0	0
TOTAL COST	12,295	10,824	0	0

DATE: Feb 95

FY 1996/1997 PRESIDENT'S BUDGET SUBMISSION OTHER PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

P-1900

PROJECT TITLE: NATO AWACS

MODELS OF AIRCRAFT APPLICABLE: E-3A

(HAVE QUICK A-Nets), JTIDS TADIL J Data Link, improved COMSEC equipment (ANDVT), and color consoles. Joint US/NATO Modernization Program (NAMP), a seven-year program to update NATO E-3s with capabilities similar to US, UK, and French E-3s Cooperative developments include Electronic Support Measures (ESM) and Radar System Improvement Program (RSIP). NATO's DESCRIPTION/JUSTIFICATION: This project provides the US contribution to the NATO Airborne Early Warning and Control under the 1990 addendum to the Multinational Memorandum of Understanding. NAMP upgrades include the anti-jam radio E-3s provide air and maritime surveillance for allied forces in the NATO area of operations.

PROJECTED FINANCIAL PLAN:	FY 94	FY 95	FY 96	FY 97
BASIS FOR COST ESTIMATE:				
AWACS	88,337	2,913	52,310	46,775
TOTAL COST	88,337	2,913	52,310	46,775

DATE: Feb 95

FY 1996/1997 PRESIDENT'S BUDGET SUBMISSION OTHER PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

P-1900

PROJECT TITLE: F-117

MODELS OF AIRCRAFT APPLICABLE: F-117

DESCRIPTION/JUSTIFICATION: The F-117A Stealth Fighter is the world's first operational aircraft to exploit low observable stealth technology. It can with a ring laser gyro plus a GPS receiver. A total of 59 aircraft have been delivered. The first was delivered in 1982; the last in 1990. Initial operational use a variety of weapons to attack high priority targets anywhere in the world. It is designed to penetrate dense threat environments and hit targets with Charges (BA-07) feed another to the aircraft which were initiated prior to its being declassified. These include Infrared Acquisition and pinpoint accuracy. Its sophisticated navigation and attack systems increase mission effectiveness and reduce pilot workload. The Other Production Designation System (1RADS) turret upgrade, the offensive capabilities improvement program and replacing the current inertial navigation system capability was achieved in 1983.

FY 94	BASIS FOR COST ESTIMATE:
	109,655
	109,655

^{*} Costs beyond FY95 have been transferred to BPAC 11F117, F-117 modifications.

DATE: Feb 95

FY 1996/1997 PRESIDENT'S BUDGET SUBMISSION OTHER PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

P-1900

PROJECT TITLE: Flight Screening

MODELS OF AIRCRAFT APPLICABLE: N/A

DESCRIPTION/JUSTIFICATION: This project provides resources to conduct USAF Academy's T-41C Pilot Indoctrination and Glider/Parachuting Airmanship Programs.

PROJECTED FINANCIAL PLAN:	FY 94	FY 95	FY 96	FY 97
BASIS FOR COST ESTIMATE:				
PROGRAM COST	392	107	0	0
TOTAL COST	392	107	0	0

DATE: Feb 95

FY 1996/1997 PRESIDENT'S BUDGET SUBMISSION OTHER PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

P-1900

PROJECT TITLE: Training (Offensive)

MODELS OF AIRCRAFT APPLICABLE: B-1, B-52

DESCRIPTION/JUSTIFICATION: Funds support the Bomber Aircraft Instrumentation System (BAIS) which is the interface to allow The BAIS interface will provide the means to capture real-time bomber position, electronic warfare, and weapon systems information Combat Maneuvering Instrumentation System (ACMI) ranges, and Navy Tactical Air Combat Training System (TACTS) ranges. for no-drop weapons and mine scoring, and will provide for ground and air-breathing threat engagements for debriefing aircrew bomber aircraft to use existing instrumented bombing ranges such as RED FLAG Mission Debriefing System (MDS), USAF Air training. No funding is required beyond FY94.

PROJECTED FINANCIAL PLAN:	FY 94	FY 95	FY 96	FY 97
BASIS FOR COST ESTIMATE:				
TRAINING EQUIPMENT	5	0	0	0
TOTAL COST	5	0	0	0

DATE: Feb 95

FY 1996/1997 PRESIDENT'S BUDGET SUBMISSION OTHER PRODUCTION CHARGES FACT SHEET

P-1900

(Dollars in Thousands)

PROJECT TITLE: Pollution Prevention

MODELS OF AIRCRAFT APPLICABLE: N/A

goals. These goals are a direct result of the Pollution Prevention Act of 1990, Montreal Protocol, Executive Order 12856, and the DoD Comprehensive require and are authorized equipment, facility projects, and services that must be acquired to accomplish the DoD and Air Force pollution prevention Pollution Prevention Strategy. This budget item identifies the pollution prevention initiatives required to reduce and prevent harmful releases of hazardous and toxic materials to air, land, ground water, and surface water. It includes equipment, projects, and services such as freon recovery DESCRIPTION/JUSTIFICATION: Installations and Government Owned, Contractor Operated (GOCO) facilities throughout the Air Force projects, vapor degreaser replacements, recycling equipment, and hazardous waste reduction projects.

PROJECTED FINANCIAL PLAN:	FY 94	FY 95	FY 96	FY 97
BASIS FOR COST ESTIMATE:				
PROGRAM COST	8,152	8,780	965'9	7,078
TOTAL COST	8,152	8,780	965'9	7,078

						1	DATE	
		BUDGET ITEM	I JUSTIFICATION SHEET	N SHEET			Feb-95	.95
APPROPRIATION/BUDGET ACTIVITY	DGET ACTIVITY				P-1 NOMENCLATURE	TURE		
AIRCRAFT PROCUREMENT, AF/ BA 07, OTHER PRODUCTION CHARGES	EMENT, AF/ BA 0	7, OTHER PRODU	JCTION CHARG	ES		Common ECM Equipment	A Equipment	
	FY(PY) 94	FY(CY) 95	FY(BY) 96	FY(BY+1) 97	FY(BY+2) 98	FY(BY+3) 99	FY(BY+4) 00	FY(BY+5) 01
QUANTITY								
COST (in thousands)	25,915	16,761	4,871	4,698	4,642	5,222	5,484	5,809
appropriation, (2) cannot be reasonably allocated and charged to other procurement in the procurement line item also contains certain classified programs.	not be reasonably al ent line item also co	llocated and charge ontains certain class	id to other products sifted programs.				PV/DV-LA) OO	EV/RV+5) 01
	FY(PY) 94	EY(CY) 95	FY(BY) 96	FY(BY+1) 97	FY(BY+2) 98	FY(BY+3) 99	FY(BY +4) 00	FYIDITTOIN
ALQ-184/ALQ-131 ALQ-99 TJS	9,540	10,378	4,871	4,698	4,642 0	5,222 0	5,484	5,809
	25,915	16,761	4,871	4,698	4,642	5,222	5,484	5,809
				P-1 Shopping List	st			EXHIBIT P-40

Page No.

EXHIBIT P-40

UNCLASSIFIED

							DATE	
		BUDGET ITEM	I JUSTIFICATION SHEET	N SHEET			Feb	Feb-95
APPROPRIATION/BUDGET ACTIVITY	DGET ACTIVITY				P-1 NOMENCLATURE	TURE		
AIRCRAFT PROCUREMENT, AF/ BA 07, OTHER PRODU	MENT, AF/ BA 0	7, OTHER PRODU	JCTION CHARGES	ES		ALQ-184/ALQ-131	ALQ-131	••
	FY(PY) 94	FY(CY) 95	FY(BY) 96	FY(BY+1) 97	FY(BY+2) 98	FY(BY+3) 99	FY(BY+4) 00	FY(BY+5) 01
QUANTITY								
COST (in thousands)	9,540	10,378	4,871	4,698	4,642	5,222	5,484	5,809

MISSION AND DESCRIPTION: This project supports the acquisition of kits to modify the ALQ-119 into the ALQ-184 and ALQ-131 Block II pod configurations to counter Soviet terminal and airborne interceptor radar systems.

The FY96 and FY97 requests provide funding for software upgrades, ECPs, program support, and product improvement to continue the FY95 effort. PROGRAM JUSTIFICATION: The FY95 funding provides funding for software upgrades, ECPs, program support, and product improvement.

COOPERATIVE AGREEMENTS: ALQ-184 - None

ALO-131:

	Expiration Date	Dec-94	Sep-95	Jun-95	Dec-94	Sep-94	Dec-94	Oct-94	Nov-94
1717	Effective Date	Jun-89	Oct-92	Apr-89	Nov-86	Oct-93	Oct-91	Nov-89	Dec-92
	Country	Bahrain	Egypt	Egypt	Israel	Japan (2)	Netherlands (2)	Pakistan	Portugal

P-1 Shopping List Page No.

rage no.

AIRCRAFT COST ANALYSIS	A. Air	A. Aircraft Model	B. Pop	B. Popular Name	C. Ma	C. Manufacturer	1	D. Date
(Dollars in Thousands)			ALQ	ALQ-184/131	Ra	Raytheon		Feb-95
	70 200	QTY	EV 05	QTY	FY 96	QTY 0	FY 97	QTY
	Unit Cost	Total Cost	Unit	Total	Unit	Total	Unit	Total Cost
1. AIRFRAME/CFE 2. ENGINE/ACCESSORIES (PER A/C) (Engine Model:) 3. AVIONICS: CFE GFE 4. ARMAMENT 5. OTHER GFE 6. ECO (ALL FLY-AWAY COMPONENTS) 7. NON-RECURRING COSTS 8. OTHER COSTS								
9. FLY-AWAY COSTS		0		0		0		0
 10. AIRFRAME PGSE 11. ENGINE PGSE 12. AVIONICS PGSE 13. PECULIAR TRAINING EQUIPMENT 14. PUBLICATIONS/TECH DATA 15. ECO (ALL SUPPORT ITEMS) 16. OTHER (CFTS) 		9,540		10,378		4.871		4,698
17. INTERIM CONTRACTOR SUPPORT 18. SUPPORT COSTS		9,540		10,378		4,871		4,698
19. GROSS P-1 COST 20. LESS: PRIOR YEAR ADV PROC		9,540 0		10,378		4,871		4,698
21. NET P-1 COST		9,540		10,378	,	4.871		4,698
							E	EXHIBIT P-5

PROCUREMENT	PROCUREMENT HISTORY AND PLANNING	LANNING								DATE: Feb 95	Feb 95
APPROPRIATIO	APPROPRIATION/BUDGET ACTIVITY	VITY				P-1 ITEM NOMENCLATURE	MENCLAT	URE			
AIRCRAFT PRO	AIRCRAFT PROCUREMENT/AF, BA 07, OTHER PRODUCTION CHARGES	3A 07, OTHER I	RODUCTION	CHARGES				AI	ALQ-184/131		
LINE ITEM/	SONTE ACTOR	CONTRACT METHOD AND TYPE	CONTRACT	P/R RELEASE DATE	AWARD	DATE OF FIRST DELIVERY	QTY	UNIT	SPECS AVAIL NOW?	SPECS REVISION REQUIRED?	IF YES, WHEN AVAIL?
Kit Kit											
FY93	Raytheon	FFP	USAF	Jan-93	Jan-94	Aug-95	101	950	Yes	No.	N/A
					,	•					

REMARKS: Contract is an FY88 document with dates, prices, and deliveries established as annual options.

P-1 Shopping List Item No.

EXHIBIT P-5a

UNCLASSIFIED

268

EXHIBIT P40

UNCLASSIFIED

							DATE	
		BUDGET	BUDGET ITEM JUSTIFICATION SHEET	ION SHEET			Feb-95	-95
APPROPRIATION	APPROPRIATION/BUDGET ACTIVITY	ITY			P-1 NOMENCLATURE	URE		
AIRCRAFT PROC	UREMENT, AF/B	A 07, OTHER PRC	AIRCRAFT PROCUREMENT, AF/BA 07, OTHER PRODUCTION CHARGES	GES		ALC	ALQ-99	
	FY(PY) 94	FY(CY) 95	FY(BY) 96	FY(BY+1) 97	FY(BY+2) 98	FY(BY+3) 99	FY(BY+4) 00 FY(BY+5) 01	FY(BY+5) 01
QUANTITY	43	0	0	0	0	0	0	0
COST (in thousands)	16,375	6,383	0	0	0	0	0	0

MISSION AND DESCRIPTION: This project supports upgrades to the ALQ-99 Tactical Jamming System (TJS) which improves the system availability and jamming effectiveness. The EF-111 aircraft is being retired in FY97, and the ALQ-99 upgrades are being cancelled in FY95. No work is being done in FY95 or beyond based on the program cancellation.

P-1 Shopping List Page No.

COOPERATIVE AGREEMENTS: None

age No.

				-		T						27
D. Date	Feb-95	QTY	Total	Cost				٠,			0	EXHIBIT P-5
D.	Fe	FY 97	Unit	Cost								EXI
C. Manufacturer	Grumman	QTY	Total	Cost							0	
C. Man	Grui	FY 96	Unit	Cost								
B. Popular Name	ALQ-99	QTY	Total	Cost		y.	0	6,383	6,383	6,383 0	6,383	
B. Popu	AL	EV 05	Unit	Cost								
A. Aircraft Model		QTY	Total	Cost	13,373	1,004	14,575	1,800	1,800	16,375 0	16,375	
A. Airc		70 25	Unit	Cost	311					٠.		
AIRCRAFT COST ANALYSIS	(Dollars in Thousands)				1. AIRFRAME/CFE 2. ENGINE/ACCESSORIES (PER A/C) (Engine Model: 3. AVIONICS: GFE (Band 4)	4. ARMAMENT 5. OTHER GFE 6. ECO (ALL FLY-AWAY COMPONENTS) 7. NON-RECURRING COSTS 8. OTHER COSTS		10. AIRFRAME PGSE 11. ENGINE PGSE 12. AVIONICS PGSE 13. PECULIAR TRAINING EQUIPMENT 14. PUBLICATIONS/TECH DATA 15. ECO (ALL SUPPORT ITEMS) 16. OTHER (CFTS)	18. SUPPORT COSTS	19. GROSS P-1 COST	21. NET P-1 COST	

UPOCLIBEMENT	A PLANNING	PLANNING								DATE:	Feb 95
APPROPRIATIO	APPROPRIATION/BUDGET ACTIVITY	IVITY				P-1 ITEM NOMENCLATURE	MENCLATI	JRE			
AIRCRAFT PRO	AIRCRAFT PROCUREMENT/AF, BA 07, OTHER PRODUCTION	BA 07, OTHER	PRODUCTION	N CHARGES					ALQ-99		
LINE ITEM/ FISCAL YEAR	LINE ITEM/ FISCAL YEAR CONTRACTOR	CONTRACT METHOD AND TYPE	CONTRACT	P/R RELEASE DATE	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT	SPECS AVAIL NOW?	SPECS REVISION REQUIRED?	IF YES, WHEN AVAIL?
Kit											;
FY93	AEL	FPI	USAF	Feb/Jun 94	Feb/Jun 94	Aug-96	N/A	1-2-2-	YES	0 N	V/Z
FY94	ARINC	LOE	USAF	Oct-94 Oct-94	Nov-94 Nov-94	N/A N/A	N/A A/A	800	N/A A/A	N/A A/A	N/N A/N
REMARKS:	No work is bein	No work is being done in FY95 or beyond based on the program cancellation.	or beyond based	i on the progr	am cancellati	on.					

P-1 Shopping List Item No.

EXHIBIT P-5a